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ADAMS COUNTY
COLORADO

Community & Economic Development Department
Planning & Development
4430 S. Adams County Pkwy., 1st Floor, Suite W2000B
Brighton, CO 80601-8218
Phone: 720.523.6800
Website: adcogov.org

CONDITIONAL USE PERMIT

Conditional uses are those uses which are presumptively compatible with other land uses authorized or permitted in a zone district, but, if approved, will require more discretionary review than those uses which are authorized. In addition to meeting applicable performance standards, conditional uses may require the imposition of conditions to ensure the number and type of conditional uses and their location, design, and configuration are appropriate at a particular location.

Required Checklist Items

- ☑ Development Application Form (pg. 5)
- ☑ Written Explanation
- ☑ Site Plan
- ☑ Landscape Plan
- ☑ Proof of Ownership (warranty deed or title policy)
- ☑ Proof of Water, Sewer Services, and Utilities
- ☑ Legal Description
- ☑ Statement of Taxes Paid
- ☑ Trip Generation Analysis

Supplemental items may be needed on a case-by-case basis. ***Email documentation will be required if supplemental items are deemed unnecessary.**

- Please contact the Planner of the Day (CEDD-Plan@adcogov.org) to determine whether a Neighborhood Meeting is necessary.
- Please contact the Engineer of the Day (CEDD-ENG@adcogov.org) to determine whether a Level 1 Storm Drainage Study is necessary

If you are applying for any of the following applications, please contact the Planner of the Day:

- Solid waste transfer station
- Scrap tire recycling facility
- Inert fill

Fees Due When Application is Deemed Complete	
Conditional Use Permit	Residential Use: $1,200 (Additional Requests: $400) Non-Residential Use: $1,400 (Additional Requests: $600)

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Conditional Use - Guide to Development Application Submittal

This application shall be submitted electronically to epermitcenter@adcogov.org. If the submittal is too large to email as an attachment, the application may be sent as an unlocked Microsoft OneDrive link. Alternatively, the application may be delivered on a flash drive to the One-Stop Customer Service Center. All documents should be combined in a single PDF, although you may provide multiple PDFs to ensure no file exceeds 100 MB. Once a complete application has been received, fees will be invoiced and payable online at www.permits.adcogov.org.

Written Explanation

- A clear and concise description of the proposal. Please include description of use, time frame, purpose of project, proposed improvements, and all other relevant details.

Site Plan

- A detailed drawing of existing and proposed improvements, including:
    - Streets, roads, and intersections
    - Driveways, access points, and parking areas
    - Existing and proposed structures, wells, and septic systems,
    - Easements, utility lines, and no build or hazardous areas
    - Scale, north arrow, and date of preparation
- Parking: must meet the quantity, dimensional standards and other requirements outlined in Section 4-15
- An Improvement Location Certificate or Survey may be required during the official review
- Elevations

Landscape Plan

- Landscaping must meet the requirements outlined in Section 4-19 of the Adams County Development Standards and Regulations
- Landscape plan must include:
    - Number, installation size, and location of each plant type
    - Landscape maintenance plan
    - Bufferyards: identify the uses of adjacent properties and incorporate the correct bufferyard between existing and proposed use

Proof of Ownership

- A deed may be found in the Office of the Clerk and Recorder.
- A title commitment is prepared by a professional title company.

Proof of Water/Sewer/Utilities

Water

- A written statement from the appropriate water district indicating that they will provide service to the property OR a copy of a current bill from the service provider.
- Well permit(s) information can be obtained from the Colorado State Division of Water Resources at (303) 866-3587.

Sewer

- A written statement from the appropriate sanitation district indicating that they will provide service to the property OR a copy of a current bill from the service provider.
- A written statement from Tri-County Health indicating the viability of obtaining Onsite Wastewater Treatment Systems.

Utilities (Gas, Electric, etc.)

- A written statement from the appropriate utility provider indicating that they will provide service to the property.
- Copy of a current bill from the service provider.

Legal Description

- Geographical description used to locate and identify a property.
- Visit http://gisapp.adcogov.org/quicksearch/ to find the legal description for your property.

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Statement of Taxes Paid

- All taxes on the subject property must be paid in full. Please contact the Adams County Treasurer's Office or visit ADCOTAX.COM

Trip Generation Analysis (TGA)

- This analysis should be conducted by a traffic engineer and should include total vehicle trips per day and peak hour volumes generated by the proposed development.
- A Traffic Impact Study may be required after the first review.

SUPPLEMENTAL:

Neighborhood Meeting Summary

- Please refer to Section 2-01-02 of the Adams County Development Standards and Regulations for the specific requirements regarding time, location, and notice.
- A written summary shall be prepared including the materials submittal presented at the meeting, any issues identified at the meeting, and how those issues have been addressed.

Level 1 Storm Drainage Study

- If the proposed conditional use permit involves paving, construction of any structures, grading of property, outdoor storage of materials (gravel piles included) or otherwise increasing the impervious area of a site, a Level 1 Storm Drainage Study will be required.
- This plan should be prepared in accordance with the "Level 1 Storm Drainage Plan" criteria as defined in Appendix item B-3 of the Adams County Development Standards and Regulations. Most importantly, it needs to clearly identify a viable storm outfall location, and floodplain/floodway boundaries.

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Community & Economic
Development Department
www.adcogov.org

ADAMS COUNTY
COLORADO

4430 South Adams County Parkway
1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

DEVELOPMENT APPLICATION FORM

APPLICANT

Name(s):	Prairie Pass LLC	Phone #:	3392212932
Address:	1108 Lavaca St, Suite 110-349		
City, State, Zip:	Austin, TX, 78701		
2nd Phone #:	2102967085	Email:	Prairie.Pass@jupiterpower.io

OWNER

Name(s):	Soaring Heights LLC	Phone #:	9703027426
Address:	19975 N Highway 127		
City, State, Zip:	Garfield, AR, 72732-9688		
2nd Phone #:		Email:	ryan@lazrinvestments.com

TECHNICAL REPRESENTATIVE (Consultant, Engineer, Surveyor, Architect, etc.)

Name:	Michelle Leis	Phone #:	7208948706
Address:	1001 Bannock Street, Suite 231		
City, State, Zip:	Denver, CO, 80204		
2nd Phone #:		Email:	mleis@dudek.com

Docusign Envelope ID: 3DBD6455-9207-81A1-806E-87E2C461D015

DESCRIPTION OF SITE

Address:	12500 Cavanaugh Rd
City, State, Zip:	Hudson, Colorado, 80102
Area (acres or square feet):	36.06 acres
Tax Assessor Parcel Number	0156534200004
Existing Zoning:	A-3
Existing Land Use:	Agricultural
Proposed Land Use:	Battery Energy Storage Facility Substation

Have you attended a Conceptual Review? YES [X] NO [ ]

If Yes, please list PRE#: 2025-00052

I hereby certify that I am making this application as owner of the above-described property or acting under the authority of the owner (attached authorization, if not owner). I am familiar with all pertinent requirements, procedures, and fees of the County. I understand that the Application Review Fee is non-refundable. All statements made on this form and additional application materials are true to the best of my knowledge and belief.

Name: Andrew Bowman, President Prairie Pass LLC Date: 4/17/2026

Owner's Printed Name

Name: DocuSigned by: 7695AA5BDCBD44F...

Owner's Signature

Community & Economic Development Department
4430 S. Adams County Pkwy.
1st Floor, Suite W2000B
Brighton, CO 80601
PHONE 720.523.6793
adamscountyco.gov

Property Owner Authorization Form

I/We, Ryan Specht, owner of Soaring Heights LLC, do hereby acknowledge my/our full awareness of the **Planning, Building, or Development** permit/land use applications for the reason(s) being presented on the application(s) to Adams County for the property that I/we own as follows:

Property Address: 12500 Cavanaugh Rd, Hudson, CO 80642 Assessor Parcel No.: 0156534200004

PROPERTY OWNER INFORMATION: (If more than one property owner, all property owners must be listed) (attach list)

Print Name: Soaring Heights LLC
Mailing Address: 19975 N Highway 127 | Garfield | AR | 72732
P.O. Box/Street Address | City/Town | State | Zip Code
Phone: 9703027426 E-mail: ryan@lazrinvestments.com

APPLICANT INFORMATION:

Print Name: Praire Pass LLC
Mailing Address: 1108 Lavaca St, Suite 110-349 | Austin | TX | 78701
P.O. Box/Street Address | City/Town | State | Zip Code
Phone: 3392212932 E-mail: gage.fuller@jupiterpower.io

Relationship of Applicant to Property Owner (*e.g.* Buyer of Property/Developer/Engineer/Architect, etc.):
Applicant has a lease agreement for the owner's parcel.

OWNER CERTIFICATION AND NOTARIZATION (Form must be signed in presence of a Notary Public)

I/We hereby certify, under penalty of perjury and after carefully reading the entire contents of this document, that the information stated above is true and correct to the best of my/our knowledge.

Property Owner Signature — Date: 3/20/26

Property Owner Signature — Date

State of Arkansas)
County of Benton) ss.

The above and foregoing instrument was subscribed and sworn to before me this 20th day of March, 2026.

IN WITNESS WHEREOF, I have hereto set my hand and official seal.

Notary Public

My commission expires: 2-1-2030

CODY THELEN
Notary Public - Arkansas
Benton County
Commission # 12374808
My Commission Expires Feb 1, 2030

STATEMENT OF AUTHORITY

Soaring Heights LLC
STATE OF Colorado
COUNTY OF Adams

I, **Ryan Specht**, being the undersigned and duly sworn, do hereby certify and state under penalty of perjury as follows:

1. I am the **sole member and sole owner** of **Soaring Heights LLC** (the "Company"), a limited liability company duly organized and existing under the laws of the State of Colorado.
2. As the sole owner and member of the Company, I possess **full, unrestricted, and exclusive authority** to sign, execute, and deliver any and all documents, contracts, agreements, instruments, checks, promissory notes, deeds, mortgages, leases, and other writings on behalf of the Company, and to otherwise conduct, manage, and bind the Company in all business and legal matters without limitation.
3. No other person or entity has been granted, nor currently holds, any authority to bind the Company except through my express written direction. This authority arises from my position as sole member under the Company's operating agreement and the Colorado Limited Liability Company Act (C.R.S. § 7-80-101 et seq.).
4. This Statement of Authority is given to confirm and evidence my authority to third parties, including but not limited to financial institutions, governmental agencies, contractors, and other business associates.

IN WITNESS WHEREOF, I have executed this Statement of Authority on this 19th day of March, 2026.

Ryan Specht Sole Member and Sole Owner Soaring Heights LLC
19975 N Hwy 127 Garfield, AR 72732

ACKNOWLEDGMENT

State of Arkansas County of Benton

On this 19 day of March, 2026, before me, the undersigned Notary Public, personally appeared Ryan Specht, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

Notary Public

My Commission Expires: Nov 18 2033

(Seal)

RYAN BLASINGAME
Notary Public - Arkansas
Benton County
Commission # 12725258
My Commission Expires Nov 18, 2033

Confirmation

Business Home

Business Information

Business Search

FAQs, Glossary and Information

Details			
Name	Soaring Heights LLC		
Status	Good Standing	**Formation date**	05/15/2012
ID number	20121246970	**Form**	Limited Liability Company
Periodic report month	May	**Jurisdiction**	Colorado
Principal office street address	12500 Cavanaugh Rd, Hudson, CO 80642, US		
Principal office mailing address	12500 Cavanaugh Rd, Hudson, CO 80642, US		

Registered Agent	
Name	RYAN PAUL SPECHT
Street address	12500 Cavanaugh Rd, Hudson, CO 80642, US
Mailing address	12500 Cavanaugh Rd, Hudson, CO 80642, US

I confirm that I am authorized to make changes.

Confirm Back

Terms & conditions | Accessibility statement | Browser compatibility

Project Description

Prairie Pass Energy Storage Project

APRIL 2026

For submittal to:

ADAMS COUNTY
4430 S Adams County Pkwy
Brighton, Colorado 80601

Prepared and submitted by:

DUDEK
1001 Bannock St #231
Denver, Colorado 80204

On behalf of:

PRAIRIE PASS LLC

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Summary

Prairie Pass LLC (Prairie Pass) is proposing to construct and operate the Prairie Pass Energy Storage Project (Project), a utility scale battery energy storage system (BESS) within Adams County, Colorado (County). The Project would connect to the existing 230-kilovolt (kV) Xcel Energy (Xcel) Green Valley substation located directly adjacent to the Project site to the south via a generation transmission line (gen-tie line). The Project would provide additional capacity to the electrical grid to assist with serving load during periods of peak demand by charging when demand is low and discharging when demand is high. Batteries are extremely fast acting capable of responding within fractions of a second to stabilize voltages and support a very high-quality and reliable electric grid. In addition to supporting reliability, these batteries also accommodate the future integration of intermittent renewable energy sources, such as wind and solar, and reduces the need to operate natural gas power plants to meet peak demand. This will assist the State of Colorado in meeting its greenhouse gas emissions reduction goals of 50% by 2030, and 100% by 2050, as required by Colorado's Greenhouse Gas Emission Reduction Measures bill (Senate Bill 23-016), signed into law on May 11, 2023.

This Project Description has been prepared to provide an overview of the facilities that are proposed to be constructed and operated as part of the Project. The Project site plan has been provided under separate cover.

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1 Introduction

1.1 Project Location

The Project site consists of an approximately 40-acre property (Assessor's Parcel Number C) located roughly half a mile north of the intersection of E 120th Ave and Cavanaugh Rd within unincorporated Adams County (see Figure 1, Project Site). The Project borders the Xcel Green Valley substation to the south, rural agricultural property to the east and north, and Cavanaugh Rd to the west.

1.2 Project Objectives

Colorado's electric grid is a complex system providing reliable power to Colorado residents. Per the goals established in Colorado's Greenhouse Gas Emission Reduction Measures Act, the state relies increasingly on renewable sources of energy, such as solar, wind, geothermal, hydroelectricity, and biomass. Grid energy storage technologies provide multiple services, such as energy management, backup power, load leveling, frequency regulation, voltage support, and grid stabilization. A host of energy storage facilities is necessary to provide all these different services to the grid effectively. As noted by the U.S. Department of Energy, "energy storage can reduce the need for major new transmission grid construction upgrades as well as augment the performance of existing transmission and distribution assets." Furthermore, "energy storage will also play a significant role in emergency preparedness and increasing overall grid resilience" (USDOE 2013).

Battery energy storage systems charge when there is an abundance of power available, and discharge back to the grid when demand for power becomes high. The technology is advancing rapidly as a grid resource and will support system load balancing by Xcel when solar and wind resources are intermittently available. Power from solar and wind are often produced at different times of the day, which may not align with peak demand. Energy storage can be used to fill in the gaps when those resources may not be generating as much power.

Due to Colorado's clean energy goals and increasing energy demands in the region, Xcel is actively soliciting battery energy storage systems like Prairie Pass to serve as load balancing systems on their electric grid. The Green Valley substation, where Prairie Pass is proposed, is a critical location on Xcel's grid due to its proximity to intermittent renewables to the east and urban load in metro Denver to the west. A battery energy storage system at Green Valley would help to improve the overall reliability and resiliency of the Denver metro and regional power grid.

Construction of the Project would accomplish the following:

- Assist Colorado in meeting its greenhouse gas emissions reduction goals of 50% by 2030, 65% by 2035, 75% by 2040, and 100% by 2050.
- Enhance grid reliability in the region by providing a new and incremental capacity resource that can be utilized by Xcel to minimize reliance on the transmission system during periods of peak demand or transmission contingencies
- Accommodate increasing amounts of intermittent renewable energy generation that often is not available during the early evening when energy demand is often highest

- Provide economic benefit to the County, the region, and the state, through construction jobs, property and sales taxes, construction and maintenance services, and improved energy efficiency and reliability
- Use commercially proven and established energy storage technology that is efficient, has low maintenance requirements, and is recyclable

In addition to these benefits to the region and Colorado, specific benefits to the County are below:

- Annual property tax revenues would be payable to the County from the Project.
- Local benefits would accrue to the County from having the storage facility located within the County. While this helps the entire region, it would also benefit the County by maintaining the reliability and resiliency of the grid locally.
- The Project would provide significant economic benefits without burdening local transportation infrastructure, sewage infrastructure, or the local public services.

2 Project Setting

2.1 Land Use and Zoning

The Project site was selected because it is directly adjacent to the Xcel Green Valley substation and associated transmission infrastructure, which will allow the project to interconnect into Xcel's transmission and distribution system without creating lengthy connections that would be created if the site were farther from the substation. This proximity to the substation minimizes the land use impacts that the project might otherwise create.

The Project site is located in the Agricultural 3 (A-3) (see Figure 2, Zoning). The parcels surrounding the Project site are also zoned A-3. The Xcel Green Valley substation is located just south of the parcel.

The northern portion of the Project site, parcel 0156534200004 is a vacant residential property. The southern portion of the Project site is also vacant but was used recently for grazing. The property contains two capped oil wells, one in the middle of the parcel and one in the northwestern quarter. Surrounding land uses are rural residential and agricultural.

2.2 Biological Resources

Dudek performed a desktop review of the Project site to assess the potential for biological and aquatic resources. Dudek reviewed several data sets including the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) database (USFWS 2024a), Colorado Natural Heritage Program Tracking List for Adams County (CNHP 2024a), and Colorado Conservation Data Explorer (CNHP 2024b) to determine the potential for special-status wildlife and plant species to occur in the vicinity of the Project site.

After the desktop review, Dudek biologists conducted a general biological reconnaissance field survey (reconnaissance survey) of the Project site on June 13, 2024. The purpose of the reconnaissance survey was to verify previously mapped existing vegetation communities and land covers, identify commonly occurring plant and wildlife species, identify plant and wildlife species protected under the federal Endangered Species Act, and determine the likelihood of occurrence of any special-status plant or wildlife species.

Based on the desktop review and the reconnaissance survey, three special-status plant species and eight special status wildlife species have low potential to occur within the project site. However, none of these species nor their sign were observed during the reconnaissance survey. Dudek is currently consulting with Colorado Parks and Wildlife (CPW) regarding special-status species potential to occur within the project site and will mitigate any impacts, if applicable, according to CPW recommendation.

For additional information please refer to the Biological Assessment Report for the Prairie Pass Energy Storage System Project prepared by Dudek in June 2024 (Dudek 2024a).

2.3 Wetlands

Dudek conducted an aquatic resources field delineation on June 13, 2024. Potential aquatic resources were delineated based on methodology described in the USACE Wetlands Delineation Manual (USACE 1987) and the

USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region (USACE 2010). Non-wetland waters of the United States were delineated based on the presence of an ordinary high-water mark (OHWM).

All National Wetlands Inventory (NWI) and National Hydrography Dataset (NHD) features were visited during the field delineation. A sample point was taken within the lowest depressional point of the Project site within the NWI/NHD feature that crosses the southwestern corner of the project site. This was the only location within the Project site that showed potential wetland indicators. Although surface soil cracks, a secondary hydrological indicator, were noted at this sample point, dominant vegetation included Mexican-fireweed (*Bassia scoparia*; facultative upland) and cereal rye (upland [UPL]). Additionally, hydric soil indicators were not observed, ruling out this area as a wetland.

The freshwater emergent wetland mapped by NWI was also field-verified during the delineation. This feature occurs in an upland area and is completely dominated by cheatgrass (UPL) and cereal rye (UPL) with no hydrological indicators present. Therefore, both NWI and NHD features were determined to not be present due to a lack of wetland indicators and an absence of an OHWM. Dudek is currently consulting with USACE to confirm these results.

For additional information please refer to the Aquatic Resources Delineation Report for the Prairie Pass Energy Storage System Project prepared by Dudek in July 2024 (Dudek 2024b).

2.4 Noise

The project is subject to the Adams County noise limit of 55 dBA during daytime hours (7 a.m. to 10 p.m.) and 50 dBA during nighttime hours (10 p.m. to 7 a.m.) at the nearest residential property. Sound-sensitive receptors, in the form of rural residences, are located to the north and west of the site. Noise sources affecting noise levels on the Project site and in the vicinity mainly include vehicular traffic on nearby roads and from nearby industrial uses. The proposed BESS will be enclosed in purpose-built enclosures. The Project will be designed to meet the requirements of General Ordinances of Adams County. Dudek will conduct a Sound Study to assess potential operational noise impacts associated with the project to ensure county ordinances are met.

2.5 Visual Resources

The Project will follow Section 2-02-09-06 (Conditional Use Permit Criteria for Approval) of the Adams County Development Standards and Regulations. The Project Landscaping Plan identifies landscaping and screening requirements consistent with Section 4-19 (Landscaping) of the County Development Standards as applicable. Any additional requirements related to visual resources identified during permitting will be incorporated into the final site plan.

2.6 Air Quality

During operation, the Project would not have any direct emissions during normal operations. The Project would store energy but would not itself be a source of air pollutant emissions. The Project would not increase operational mobile source emissions as minimal vehicle trips would be added by the Project.

3 Project Characteristics

The Project is designed to discharge electricity to the grid via battery energy storage enclosures with associated on-site support facilities consisting of inverters, collector lines, fencing, all weathered access roads, supervisory control, a SCADA (Supervisory Control And Data Acquisition) system, and other ancillary facilities and equipment (see Site Plan submitted under separate cover). The Project would also include a collector substation and gen-tie line that will support interconnection to the existing Xcel 230 kV Green Valley substation.

The Project is expected to create approximately 125 jobs during construction, many of which can be sourced from the County and adjacent areas. The Project will prefer to hire local construction workers during the build phase of the Project if possible. The Project would be operated remotely but would require periodic maintenance to be performed by regional employees and contractors.

The Project would generate tax revenue for the County during construction and operations. The total tax revenue has not been calculated at this time, but it will be based on the total Project cost during construction.

3.1 Battery Energy Storage System

The Project will consist of battery energy storage enclosures and Power Conversion System (PCS) units, which contain a medium voltage transformer, an inverter, and a switchgear[1]. The battery enclosures are pre-fabricated off site and arrive to the site ready to be installed and operated. The quantity of energy storage enclosures and the equipment manufacturer are subject to change based on available battery technology at the time of construction. Each battery energy storage enclosure would have insulation, a module cooling system, a battery management system, and fire detection equipment. Ancillary equipment includes power conversion systems (PCS) containing electronic controls, inverters, and a separate medium voltage step-up transformer. The primary storage components would consist of self-contained electrochemical battery systems using conventional storage technologies with proven safety and performance records. The BESS enclosures would be designed such that the periodic maintenance and replacement of underperforming battery components can be easily performed on an as-needed basis without replacing the entire enclosure. The battery energy storage product supplier has not been selected at this time; however, the dimensions of each enclosure are expected to be approximately 20 feet long, 8 feet wide, and 12 feet high.

Fire detection measures are intrinsically incorporated into the Project design in accordance with National Fire Protection Association (NFPA) safety standards. Since the selection of batteries has not yet been finalized, the capacity and size of the battery enclosures may vary, as may the ratings of the conversion equipment (inverters and transformers). While the components and total megawatts of the Project may end up differing from preliminary drawings, the overall project footprint size will remain consistent.

[1] The battery energy storage containers are manufactured by Hithium, Sungrow, Tesla, Fluence, CATL, LG Chem, and a number of other manufacturers. A specific technology has not been selected at this time and will be finalized during detailed design

Individual lithium-ion, or similar technology, battery cells are the smallest unit within the battery enclosure and contain the chemistry which stores electrical energy. Cells are assembled in sealed battery modules. The battery modules are installed in self-supporting racks that are electrically connected to each other and fit inside of the larger weather-proof BESS enclosure.

The BESS facility would be unstaffed and would include remote operational control; inspections/maintenance would be performed as necessary. The BESS facility would be uninhabited with no bathroom facilities, running water, or permanent office space. Project operations would be monitored remotely through the SCADA system adjacent to the collector substation. Periodic inspections and maintenance activities would occur on the Project site.

3.1.1 Fire Protection System

Should a thermal event occur, the BESS units are designed and certified so that fire will not propagate from one enclosure to the neighboring enclosure. Fire protection would also include multiple fire detection systems on site and within the individual BESS units. Each BESS unit contains an onboard battery management system that monitors the appropriate state of individual battery cells and relays information back to a control center 24-7.

Pursuant to manufacturer specifications, all BESS products considered for the project are fully certified up to the most rigorous international safety standards. Some of the relevant certifications are listed as follows:

- UL 1642 – Standard for Lithium Batteries
- UL 1973 – Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications
- UL 9540 – Standard for Energy Storage Systems and Equipment
- UL 9540A – Standard for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems
- IEC 62619 – Standard for Battery Safety in Stationary Applications
- NFPA 855 - Standard for the Installation of Stationary Energy Storage Systems
- NFPA 68 – Standard on Explosion Protection by Deflagration
- NFPA 69 – Standard on Explosion Prevention Systems

Brighton Fire Rescue District (the authority having jurisdiction) would have review and approval rights for the facility fire protection and suppression plans. Prairie Pass has prepared drafts of a Fire Master Plan, a Hazard Mitigation Analysis, and Emergency Response Plan which are attached to this submittal package and have been sent to Chief Godek at the Brighton Fire Rescue District.

3.1.2 Battery Energy Storage System Enclosures and Controller

The BESS enclosure consists of cells, modules, and racks. Cells are the smallest component of the BESS enclosure and look like motorcycle batteries. These cells are lined up and inserted into modules, which are used to hold rows of cells and provide battery health monitoring capabilities. Each module is then inserted into a rack, and multiple racks make up the BESS enclosure. The enclosure structures are hermetically sealed and temperature controlled via heating, ventilation, and HVAC.

The Battery Energy Storage System (BESS) includes two distinct levels of controls: the Battery Management System (BMS) and the Energy Management System (EMS). The BMS is responsible for monitoring and protecting individual battery modules, managing voltage, temperature, state of charge, and health to ensure safe operation at the cell and rack level. Separately, the EMS coordinates the operation of the full system, including inverters, the medium-voltage system, and the connection to the electrical grid. It provides real-time control logic to optimize performance, ensure response to grid signals (e.g., frequency or voltage events), and implement site-wide shutdown protocols if needed. Together, these layered controls ensure both operational performance and safety, allowing the system to autonomously respond to grid emergencies while protecting critical components.

3.1.3 Power Conversion System

The Power Conversion System (PCS) would consist of an inverter, a medium-voltage transformer, protection equipment, direct current (DC) and alternating current (AC) circuit breakers, harmonic filters, equipment terminals, and a connection cabling system. The PCS may consist of standalone units connected to multiple BESS enclosures, or they can be integrated into the BESS enclosures themselves. The PCS converts electrical energy from AC to DC when the energy is transferred from the grid to the battery enclosure, and from DC to AC when the energy is transferred from the battery enclosure to the grid. The energy conversion between AC and DC is achieved using a bi-directional inverter that connects the DC battery enclosure to the AC electrical grid. The PCS units also include a transformer that steps up and down the voltage to maintain 34.5 kV AC at the PCS inverter level to increase the overall efficiency of the BESS.

3.2 Project Collector and Xcel Substation

The Project collector substation is where power is transformed between 34.5kV and the 230kV interconnection voltage at the Xcel Green Valley substation. This voltage change is achieved via a step-up transformer (a.k.a main power transformer). The open-air collector substation would be constructed on site and connect to the existing Xcel Green Valley substation via a new gen-tie line.

3.3 Operations and Maintenance

Once constructed, the Project is expected to operate 7 days per week, 365 days per year. The facility would be remotely monitored by Prairie Pass or an affiliated company. Project operations would be monitored remotely through the SCADA system. The Project would include one single-story control shelter (approximately 400 to 700 square feet and a height of about 15 feet) near the collector substation that will contain project operations equipment including the SCADA system, relays, and a small backup power system. The Project would also include up to three conditioned trailers of approximately similar size and dimension to a 40-foot International Organization for Standardization (ISO) enclosure which are intended to be used by operations and maintenance personnel for parts storage and temporary workstations. Periodic augmentation of batteries within the Project site would occur to maintain the nameplate energy capacity over the project life. Occasionally on-site maintenance would be required, which would include replacement of inverter power modules, filters, and miscellaneous electrical repairs on an as-needed basis. No permanent sanitary facilities would be required.

During Project operations, operation and maintenance staff would visit the site periodically for routine check-ins, equipment swaps, and other operation activities. Maintenance trucks would be utilized to perform routine

maintenance, including, but not limited to, equipment testing, monitoring, repair, routine procedures to ensure service continuity, and standard preventative maintenance.

Routine operations would require one or two workers in a light utility truck to visit the facility on a roughly weekly basis.

3.4 Transmission Line

Energy would be transported to and from the Project collector substation to the existing Xcel Green Valley substation via a proposed gen-tie line.

3.5 Perimeter Fencing, Signage, Landscaping, Lighting, and Access

The perimeter of the Project would be enclosed by an approximately 7-foot-tall chain-link security fence topped with 1-foot-tall, barbed wire. Landscaping would be augmented as needed to meet screening and County Code requirements. Low-elevation security lighting would be installed throughout the project site. Primary access to the site would be via Cavanaugh Rd.

3.6 Construction

Construction would be primarily composed of the following activities:

- **Site Preparation:** Rough grading may be performed where required to accommodate support structures and all weathered access roads. Retention basins, if required, would be created for hydrologic control. All weathered access roads would be gravel or aggregate base depending on the final site geotechnical report. A temporary staging area would be constructed to hold materials and construction equipment. Foundations will be prepared for the electrical equipment to be placed on. Trenches will be dug and conduit will be placed for the underground cable connections required for the electrical work.
- **Fencing:** An approximately 7-foot-tall perimeter security fence topped with 1-foot-tall barbed wire would be installed around the BESS facility.
- **Electrical Work:** The cables necessary for the electrical equipment connections will be routed through the prepared conduit. The electrical equipment consisting of battery enclosures, PCS, and substation equipment will be delivered to site by trucks and placed onto the prepared foundations by crane as necessary. The prepared cables will be connected to the appropriate electrical equipment as instructed in manufacturer installation manuals.

The Project is anticipated to be built over an approximately 1.5-year period from the onset of site preparation activities through testing and commissioning of the facility. It is anticipated that construction crews would work 8 or 10 hours per day, with work occurring Monday through Friday. Overtime and weekend work would be used only as necessary to meet scheduled milestones or accelerate the schedule and would comply with applicable Colorado labor laws and County limitations on working hours.

Although the Project site is fairly level, grading would be required, especially for the construction of roads, on-site substation, battery enclosures, and inverter pads. This would be accomplished with scrapers, graders, water trucks, dozers, and compaction equipment. The enclosures would be off-loaded and installed using cranes, boom trucks, forklifts, rubber-tired loaders, rubber-tired backhoes, and other small- to medium-sized construction equipment, as needed. Construction equipment would be delivered to the site on low-bed trucks unless the equipment can be driven to the site (e.g., boom trucks).

3.7 Traffic

Access to the Project site would be off Cavanaugh Road During construction, typical vehicle trips per day would range from approximately 14 to 108 trips depending on the construction phase. However, construction traffic would be temporary, occurring over an approximately 1.5-year construction period. Construction traffic would include construction personnel, utility vehicles, and deliveries. During construction, delivery of material and supplies would reach the site through on-road truck delivery. The majority of truck deliveries would be for battery enclosures, as well as any aggregate material that may be required for site preparation. The heaviest delivery loads to the site would consist of rock truck deliveries, concrete trucks, and the high voltage step-up transformers. Typically, the rock would be delivered in “bottom dump trucks” or “transfer trucks” with six axles. Low-bed transport trucks would transport construction equipment to the site as needed. The size of the low-bed trucks (axles for weight distribution) would depend on the equipment/materials transported. During project operations the site will require low-frequency visits (roughly daily) from a small number of members from the operations and maintenance team in light utility trucks for routine maintenance checks.

3.8 Water Use

Water consumption during construction would be required for dust suppression and earthwork. Construction and operational water will likely be delivered from offsite sources via truck. Any existing wells on site that are not used for the Project would be properly abandoned.

3.9 Decommissioning

Most components of the BESS facility would be recycled at the end of the Project life. Battery cells contain lithium, which can be recycled or repurposed. Site structures composed of steel or concrete can be recycled. It is anticipated that all oils and battery cells would be recycled at an appropriate facility.

All decommissioning activities would comply with Certified Unified Program Agencies and Resource Conservation and Recovery Act standards as applicable.

Site personnel involved in handling these materials would be trained in the correct handling procedures. Any transportation of hazardous materials would comply with regulations for transporting hazardous materials, including those set by the U.S. Department of Transportation, the U.S. Environmental Protection Agency, Colorado Department of Transportation, Colorado Department of Public Health and Environment, and Colorado Division of Fire Prevention and Control.

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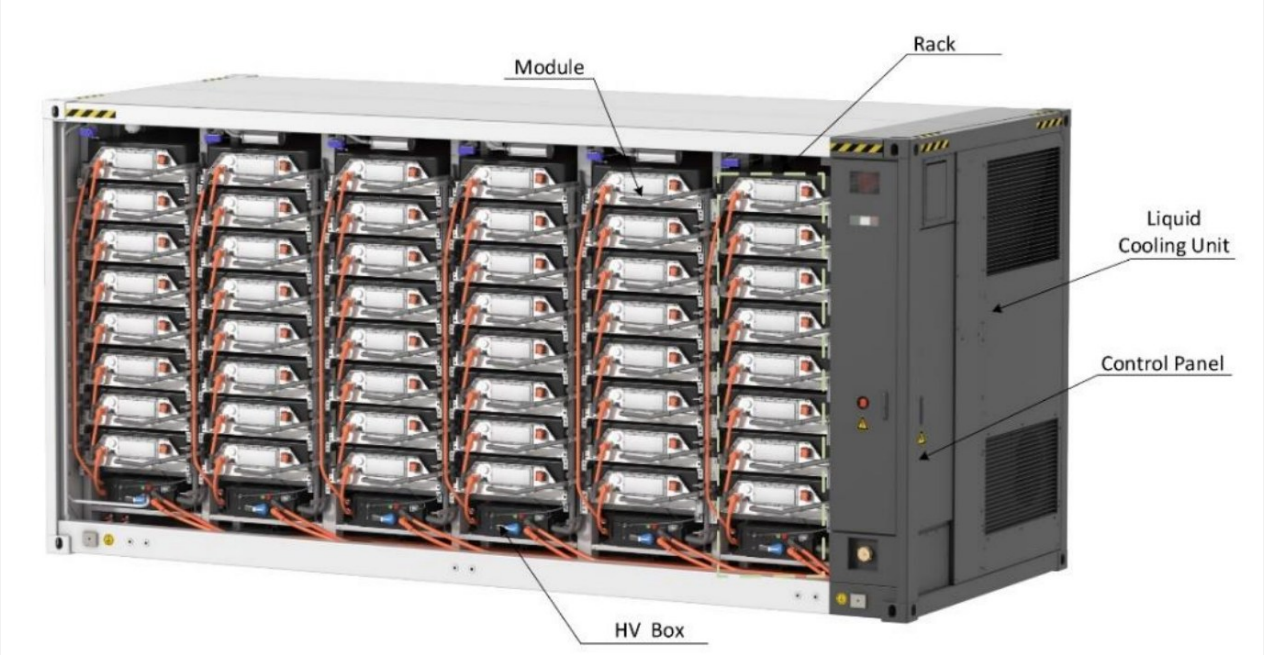
4 Representative Project Photos

Overview of a typical Battery Energy Storage enclosure



Pictured: Jupiter Power's Callisto I Energy Center in Houston, TX
1: BESS Containers
2: Power Conversion Systems
3: Project Substation
4: Perimeter Fence/Wall

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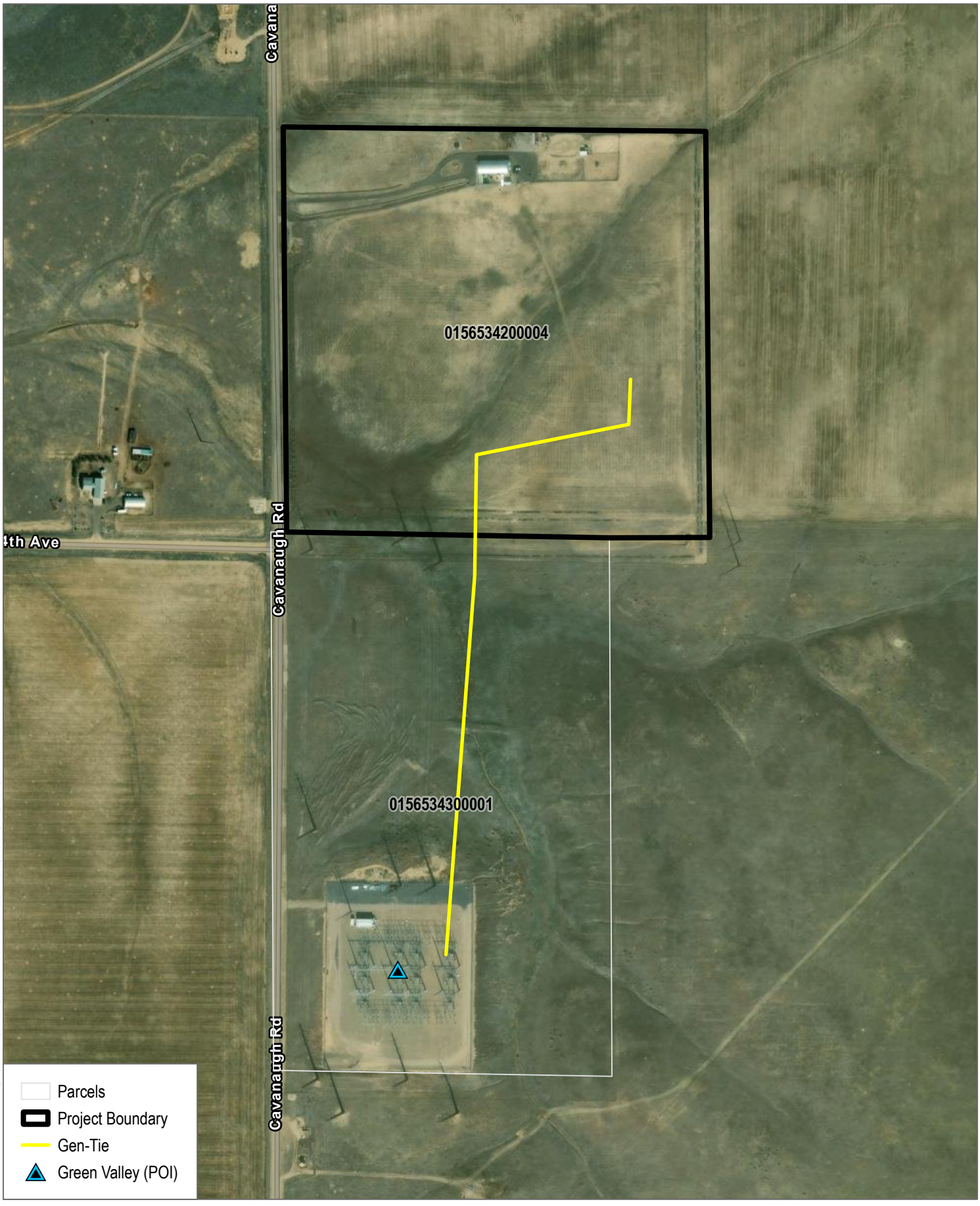

SOURCE: Maxar 2023

DUDEK

0 250 500 Feet

FIGURE 1

Project Site

Prairie Pass Energy Storage Project

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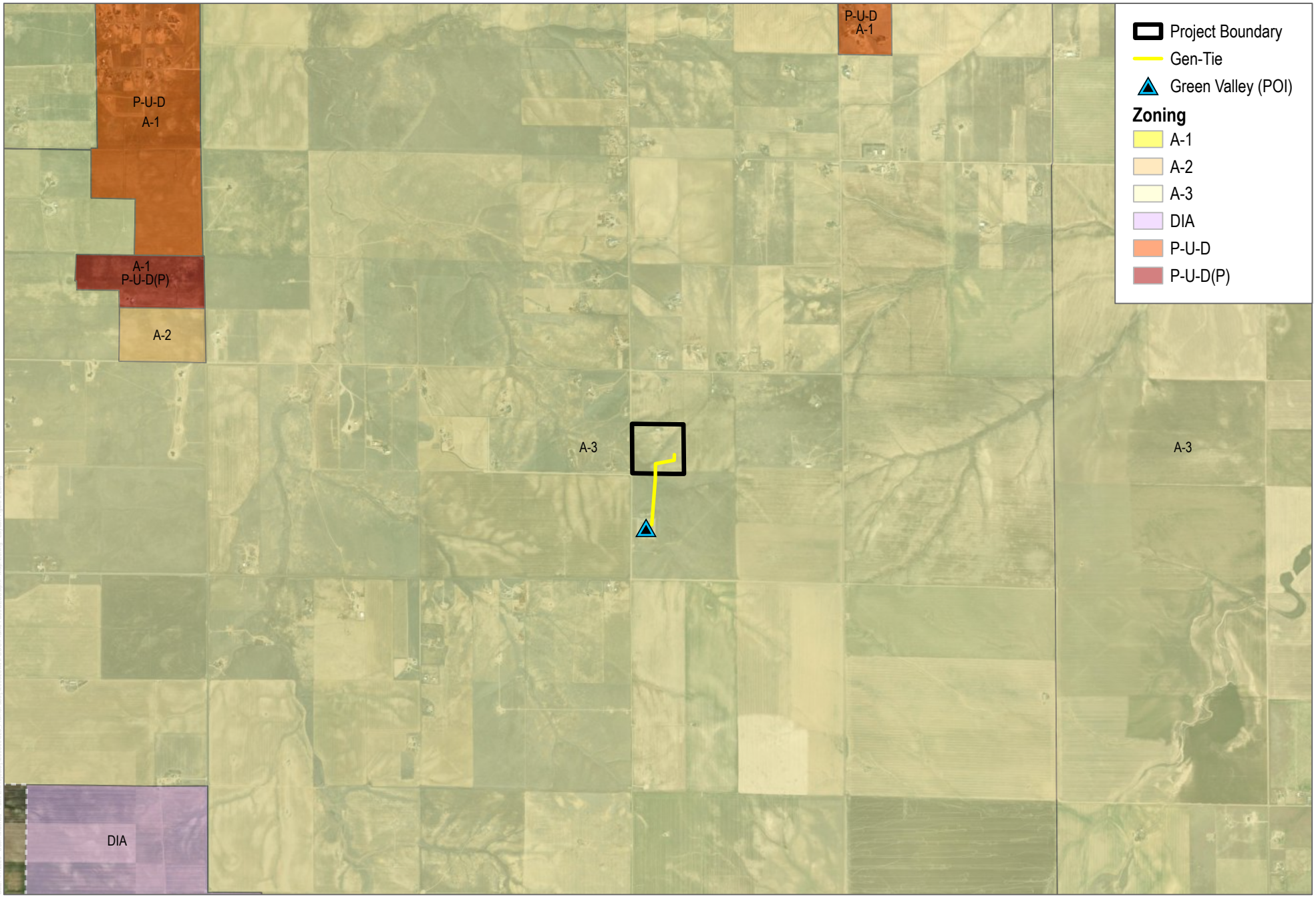

SOURCE: Maxar 2023

DUDEK

0 2,100 4,200 Feet

FIGURE 2

Zoning

Prairie Pass Energy Storage Project

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GRAVEL ROAD

FCC WITH KNOX BOX

ADMIN TRAILER AND CONCRETE PARKING AREA

CAVANAUGH RD

ABANDONED GAS WELL

50' SETBACK FROM ABANDONED GAS WELL

RETENTION BASIN (TYP)

BESS CONTAINER (TYP)

ABANDONED GAS WELL

STORM DRAIN

FCC WITH KNOX BOX

UTILITY EASEMENTS

EXISTING OVERHEAD UTILITY LINES

E 124TH AVE

CAVANAUGH RD

GEN-TIE LINE

OVERHEAD LINE TO UNDERGROUND LINE TRANSITIONS

50' SETBACK FROM ABANDONED GAS WELL

SUBSTATION

AUXILIARY XFMR & DISTRIBUTION PANEL (TYP)

DRAINAGE CHANNEL (TYP)

FENCE

PCS (TYP)

DISTRIBUTION PANEL (TYP)

PROPERTY BOUNDARY

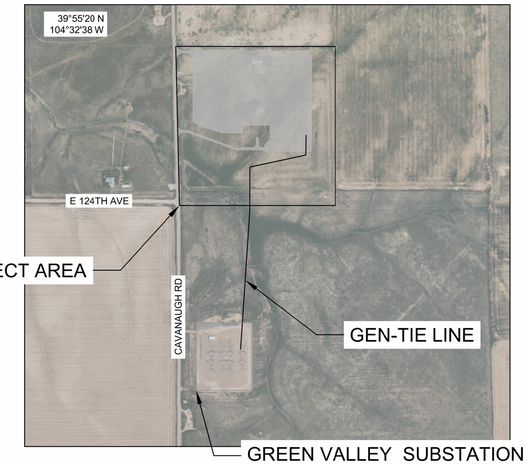
160.0

SD

UGE

OHE

PROXIMITY MAP



LEGEND

- HIGH-TENSION TRANSMISSION POLE
- SEPTIC TANK LID
- CLEANOUT
- WELL
- GAS WELL
- HYDRANT
- FIRE COMMAND CENTER (FCC)
- OVERHEAD ELECTRICAL
- UNDERGROUND ELECTRICAL

N

0 80' 160'

SCALE: 1" = 80'

LINE IS 2 INCHES AT FULL SIZE
IF NOT 2" – SCALE ACCORDINGLY

REV	DESCRIPTION	ENGR	DATE	APPD	DATE
1	CUP SUBMITTAL	JD	4.17.26	SW	4.17.26

PROGRESS: XX% DESIGN
SUBMITTAL DATE: 04/17/26

PROJECT MANAGER: BD
DESIGNED BY: JD
DRAWN BY: JD
CHECKED BY: SW

NOT FOR CONSTRUCTION

PLANS PREPARED BY:

DUDEK
605 Third Street Encinitas, CA 92024
760.942.5147 Fax 760.632.0164

SUMMANUS POWER MANAGEMENT LLC

PRAIRIE PASS BESS

ELECTRICAL SITE PLAN

DWG. E-100

PROJECT NO. 12995.023

SHT NO. 1 OF 1

S.34, T.1S., R.64W., 6 P.M., ADAMS COUNTY, COLORADO

PRAIRIE PASS BESS DRAINAGE STUDY

SHEET INDEX

G-001 - COVER SHEET

C-001 - GENERAL NOTES
C-100 - EXISTING CONDITIONS PLAN
C-200 - EROSION AND SEDIMENT CONTROL PLAN
C-201 - EROSION AND SEDIMENT CONTROL DETAILS
C-202 - EROSION AND SEDIMENT CONTROL DETAILS
C-300 - GRADING AND DRAINAGE PLAN

VICINITY MAP

PROJECT INFORMATION

ZONING	AGRICULTURAL
ACREAGE OF BESS FACILITY:	13.65 ACRES
ACREAGE OF DISTURBANCE:	23.62 ACRES

APPLICANT INFORMATION

APPLICANT:	PRAIRIE PASS, LLC
CONTACT:	GAGE FULLER GAGE.FULLER@JUPITERPOWER.IO

PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
DRAWN	TCK
CHECKED	BLW
DATE	04/17/2026

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SHEET TITLE:

COVER SHEET

SHEET NO:

G-001

P:\DEN\25\JOB\253044 PRAIRIE PASS BESS DRAINAGE STUDY\V3.0 DWGS\CO\253044 - COVER SHEET.DWG,COVER - KOUDSI, TALEEN : LAST SAVED: April 3, 2026 : PLOT DATE: 4/17/26

GENERAL NOTES

1. WORK AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE AUTHORITIES HAVING JURISDICTION. IF STANDARDS ARE NOT PROVIDED BY THE AUTHORITIES HAVING JURISDICTION, WORK AND MATERIALS SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PROMULGATED BY THE COLORADO STATE DEPARTMENT OF TRANSPORTATION (CDOT).
2. THE CONTRACTOR SHALL CALL THE UNDERGROUND SERVICE ALERT ONE-CALL NUMBER 811 TWO BUSINESS DAYS PRIOR TO EXCAVATION.
3. INFORMATION ON EXISTING CONDITIONS SHOWN ON THESE PLANS WAS OBTAINED FROM A SURVEY NOT PERFORMED BY COFFMAN ENGINEERS. NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REQUIRED ELEVATIONS AT THE SUBJECT SITE. NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR EXCEPTIONS ENCOUNTERED PRIOR TO PROCEEDING. ANY COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, REFERENCES, AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT INDICATE EVERY CONDITION. WORK NOT FULLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE FULLY DETAILED.
6. THE CONTRACTOR SHALL OBTAIN THE APPROPRIATE APPROVALS AND PERMITS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE WITH THE AUTHORITIES HAVING JURISDICTION TO CONFIRM INSPECTION, TESTING, AND CERTIFICATION REQUIREMENTS.
7. EXISTING PROPERTY CORNERS AND SURVEY MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARDS. COORDINATE REQUIREMENTS WITH THE AUTHORITIES HAVING JURISDICTION.
9. SAFETY STANDARDS AND REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COMPLIED WITH AS SET FORTH BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
10. THE CONTRACTOR SHALL HAVE THE APPROPRIATE LICENSES TO PERFORM THE SPECIFIED WORK IN CONFORMANCE WITH THE AUTHORITIES HAVING JURISDICTION.
11. RECORD DRAWINGS IDENTIFYING AND ACCURATELY LOCATING SUBSURFACE UTILITIES AND IMPROVEMENTS AND NOTING AS-CONSTRUCTED CONDITIONS SHALL BE PROVIDED BY THE CONTRACTOR AT THE END OF CONSTRUCTION.

EROSION & SEDIMENT CONTROL NOTES

1. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE FOLLOWED IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENTATION CONTROL (ESC) PROBLEMS:
   a) CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MEASURES (BMPS);
   b) INSTALL TEMPORARY ESC BMPS, CONSTRUCTING SEDIMENT TRAPPING BMPS AS ONE OF THE FIRST STEPS PRIOR TO GRADING;
   c) CLEAR, GRUB AND ROUGH GRADE FOR ROADS, TEMPORARY ACCESS POINTS AND UTILITY LOCATIONS;
   d) STABILIZE ROADWAY APPROACHES AND TEMPORARY ACCESS POINTS WITH THE APPROPRIATE CONSTRUCTION ENTRY BMP;
   e) CLEAR, GRUB AND GRADE SUBJECT SITE;
   f) TEMPORARILY STABILIZE, THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMPS, SUBJECT SITE IN SITUATIONS WHERE SUBSTANTIAL CUT OR FILL SLOPES ARE A RESULT OF THE SITE GRADING;
   g) CONSTRUCT ROADS, BUILDINGS, PERMANENT STORMWATER FACILITIES (SUCH AS INLETS, PONDS, UNDERGROUND INJECTION CONTROL (UIC) FACILITIES, ETC.);
   h) PROTECT ALL PERMANENT STORMWATER FACILITIES UTILIZING THE APPROPRIATE BMPS;
   i) INSTALL PERMANENT ESC CONTROLS, WHEN APPLICABLE; AND,
   j) REMOVE TEMPORARY ESC CONTROLS WHEN:
      i. PERMANENT ESC CONTROLS, WHEN APPLICABLE, HAVE BEEN COMPLETELY INSTALLED;
      ii. ALL LAND-DISTURBING ACTIVITIES THAT HAVE THE POTENTIAL TO CAUSE EROSION OR SEDIMENTATION PROBLEMS HAVE CEASED; AND,
      iii. VEGETATION HAS BEEN ESTABLISHED IN THE AREAS NOTED AS REQUIRING VEGETATION ON THE ACCEPTED ESC PLAN ON FILE WITH THE LOCAL JURISDICTION.
2. INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
3. IF SEDIMENT REMOVAL IS NECESSARY PRIOR TO STREET WASHING, IT SHALL BE REMOVED BY SHOVELING OR PICKUP SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
4. IF STREET WASHING IS REQUIRED TO CLEAN SEDIMENT TRACKED OFF SITE, ONCE SEDIMENT HAS BEEN REMOVED, STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE OR OTHERWISE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.
5. RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
6. RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
7. INSPECT SEDIMENT CONTROL BMPS WEEKLY AT A MINIMUM, DAILY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
8. CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH THE STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA. DO NOT USE WATER WHEN IT MAY DAMAGE ADJACENT CONSTRUCTION OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS, SUCH AS ICE, FLOODING, AND POLLUTION.
9. STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30). SOILS MUST BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THIS TIME LIMIT MAY ONLY BE ADJUSTED BY A LOCAL JURISDICTION WITH A "QUALIFIED LOCAL PROGRAM," IF IT CAN BE DEMONSTRATED THAT THE RECENT PRECIPITATION JUSTIFIES A DIFFERENT STANDARD AND MEETS THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
10. PROTECT INLETS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE.
11. KEEP ROADS ADJACENT TO INLETS CLEAN.
12. INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.
13. CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
14. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAY AND SIDEWALKS.
15. COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NONINERT WASTES PRESENT ON SITE FROM VANDALISM, USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
16. CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM REPAIRS, SOLVENT AND DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. IF RAINING OVER EQUIPMENT OR VEHICLE, PERFORM EMERGENCY REPAIRS ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
17. CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
18. INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPS. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
19. REMOVE TEMPORARY ESC BMPS WITHIN 30 DAYS AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.
20. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES, ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY, INCLUDING OBTAINING THE APPROPRIATE PERMITS AND APPROVALS.
21. EROSION CONTROL MEASURES IN ADDITION TO THOSE INDICATED AS PART OF THIS PLAN MAY BE REQUIRED DUE TO UNFORESEEN CONDITIONS, IF THE MEASURES DO NOT FUNCTION AS INTENDED, OR IF THE AUTHORITIES HAVING JURISDICTION DETERMINE INDICATED MEASURES ARE INADEQUATE.
22. FILTER FENCE SHALL BE USED TO AID IN CONTAINING ANY SEDIMENT ON THE SITE DURING CONSTRUCTION. STABILIZED CONSTRUCTION ENTRANCES SHALL BE USED AT POINTS OF INGRESS AND EGRESS FOR CONSTRUCTION VEHICLES. STORM DRAIN INLET PROTECTION SHALL BE USED ON ALL STORM DRAIN STRUCTURES, INCLUDING CATCH BASINS AND DRYWELLS. THE CONTRACTOR SHALL KEEP THE AREAS ADJACENT TO THE SITE INCLUDING ROADWAYS AND PARKING LOTS FREE FROM DEBRIS. REFER TO THE EROSION AND SEDIMENT CONTROL MEASURE DETAILS FOR ADDITIONAL INFORMATION.
23. PROVIDE A DESIGNATED, POSTED CONCRETE WASHOUT AREA. THE CONCRETE WASHOUT SHALL NOT BE ALLOWED TO DRAIN OFF THE SITE OR INTO ANY EXISTING OR FUTURE STORM DRAINAGE FACILITIES. HARDENED CONCRETE WASHOUT SHALL BE BROKEN UP AND REMOVED FROM THE SITE.
24. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.

DEMOLITION NOTES

1. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND AUTHORITIES HAVING JURISDICTION.
2. COORDINATE DEMOLITION OPERATIONS AND ANY REQUIRED UTILITY RELOCATIONS WITH THE OWNER AND APPROPRIATE UTILITY PURVEYOR, INCLUDING REQUIREMENTS AND SCHEDULING.
3. COORDINATE EXTENT OF DEMOLITION WITH PROPOSED IMPROVEMENTS. CONTRACTOR SHALL REVIEW THE PROJECT LIMITS TO DETERMINE THE QUANTITY AND TYPE OF DEMOLITION WASTE MATERIAL AND DEBRIS TO BE INCLUDED IN THEIR BID. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING, AND RELOCATING IF NECESSARY, ANY ITEMS NOT OTHERWISE NOTED THAT CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTING ITEMS NOT SHOWN ON THE PLANS THAT MUST BE REMOVED OR RELOCATED. FAILURE TO NOTIFY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF COST RESPONSIBILITY FOR REMOVING REQUIRED ITEMS.
4. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
5. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER AND OWNER.
6. CONDUCT DEMOLITION ACTIVITIES AND DEBRIS REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, WALKWAYS, AND OTHER ADJACENT FACILITIES.
7. REMOVE OBSTRUCTIONS, TREES, SHRUBS, GRASS, AND OTHER VEGETATION TO PERMIT INSTALLATION OF NEW CONSTRUCTION. REFER TO LANDSCAPE PLANS FOR TREE PROTECTION AND TREE REMOVAL PROCEDURES TO PRESERVE HEALTH OF ADJACENT TREES.
8. AREAS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE CONSTRUCTED OR RESTORED TO ORIGINAL CONDITIONS OR BETTER, TO THE SATISFACTION OF THE OWNER, AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND ANY DAMAGE THAT MAY OCCUR.
9. REMOVE DEMOLITION WASTE MATERIALS AND DEBRIS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

EARTHWORK & GRADING NOTES

1. SITE PREPARATION, GRADING, EXCAVATION AND FILL REQUIREMENTS BELOW THE PROPOSED IMPROVEMENTS, EMBANKMENTS, AND UTILITY TRENCHING SHALL BE COMPLETED IN CONFORMANCE WITH CDOT STANDARD SPECIFICATIONS AND THE GEOTECHNICAL ENGINEERING EVALUATION FOR THE SUBJECT SITE.
2. EXAMINE EXPOSED SUBGRADES AND BASE SURFACES FOR COMPLIANCE WITH REQUIREMENTS FOR DIMENSIONAL, GRADING, AND ELEVATION TOLERANCES. PREVENT SURFACE WATER AND GROUNDWATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES AND BASE SURFACES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. PROTECT SUBGRADES AND BASE SURFACES FROM SOFTENING, UNDERMINING, WASHOUT, DAMAGE BY RAIN OR WATER ACCUMULATION, AND AGAINST FREEZING TEMPERATURES AND FROST.
3. SPOT ELEVATIONS ARE FOR FINISH GRADE UNLESS OTHERWISE NOTED.
4. UNLESS ELEVATIONS AND/OR CONTOURS ARE OTHERWISE SHOWN, NEW FINISH GRADE SURFACES SHALL BE PLACED TO ALLOW FOR POSITIVE DRAINAGE TO RUNOFF COLLECTION DEVICES OR FACILITIES. MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
5. GROUNDWATER OR UNANTICIPATED SUBSURFACE CONDITIONS SHALL BE REPORTED TO THE GEOTECHNICAL ENGINEER FOR ASSESSMENT AND RECOMMENDATIONS.
6. COMPACTION EFFORTS AND MASS GRADING SHALL BE MONITORED AND TESTED BY AN EXPERIENCED SOILS TECHNICIAN, UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER REPRESENTING THE OWNER.

PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
DRAWN	TCK
CHECKED	BLW
DATE	04/17/2026

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SHEET TITLE:

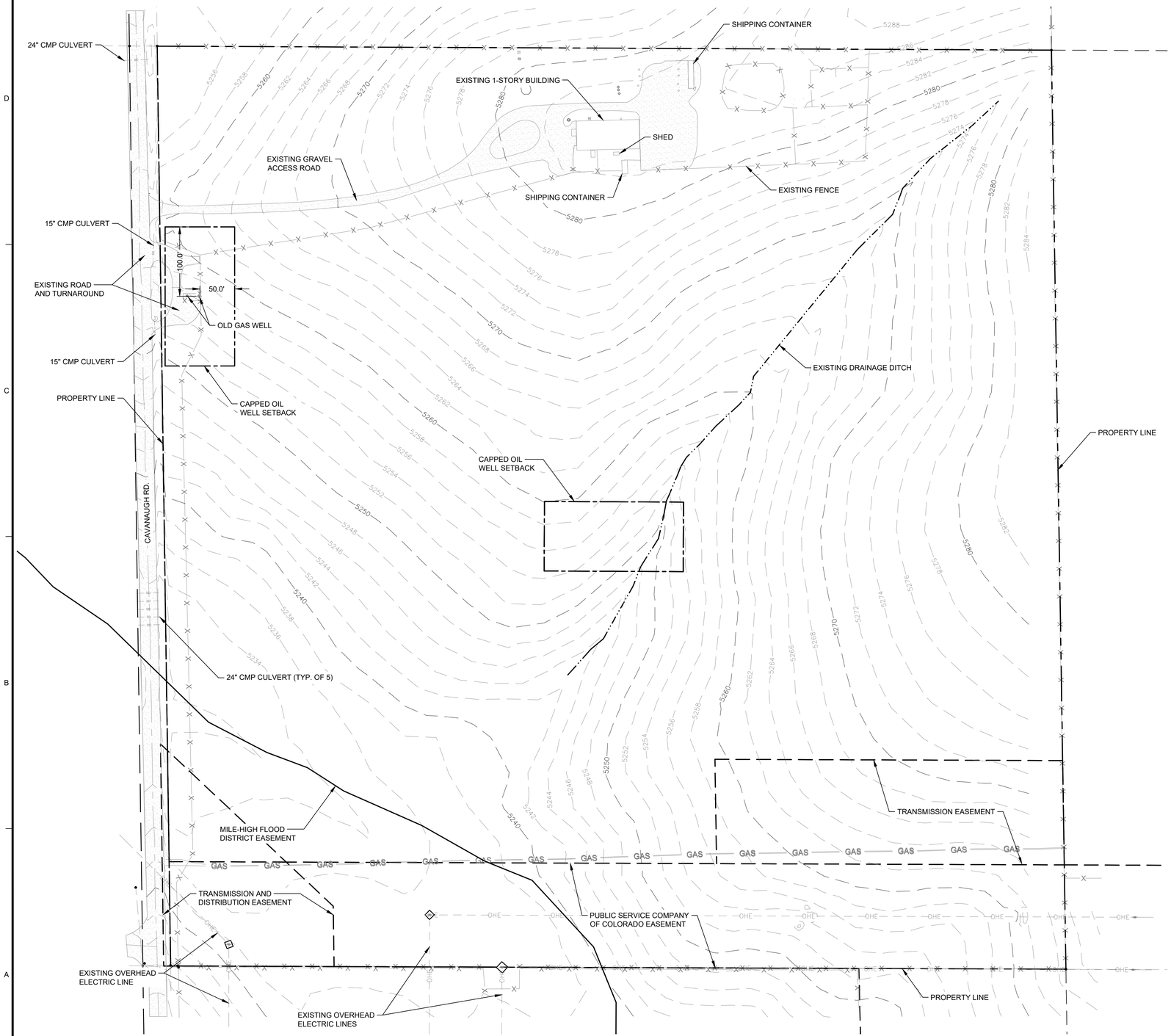
GENERAL NOTES

SHEET NO:

C-001

P:\DEN\25\JOBS\253044 PRAIRIE PASS BESS DRAINAGE STUDY\0.0 DWGS\C\253044 - GENERAL NOTES.DWG,NOTES : KOUDSI, TALEEN : LAST SAVED: April 2, 2026 : PLOT DATE: 4/17/26

S.34, T.1S., R.64W., 6 P.M., ADAMS COUNTY, COLORADO



1 C-100 EXISTING CONDITIONS PLAN
SCALE: 1"=80'

80 40 0 80 160
SCALE: 1 INCH = 80 FEET

LEGEND

- EXISTING GRAVEL
- PROPERTY LINE
- EXISTING FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING STORM DRAIN
- EXISTING DRAINAGE DITCH
- EXISTING EASEMENT
- OIL WELL SETBACK
- EXISTING GAS LINE

NOTES

1. EXISTING CONDITIONS ARE BASED ON TOPO SURVEY PROVIDED BY OTHERS ON 11/14/2025.

Know what's below. Call before you dig.

PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
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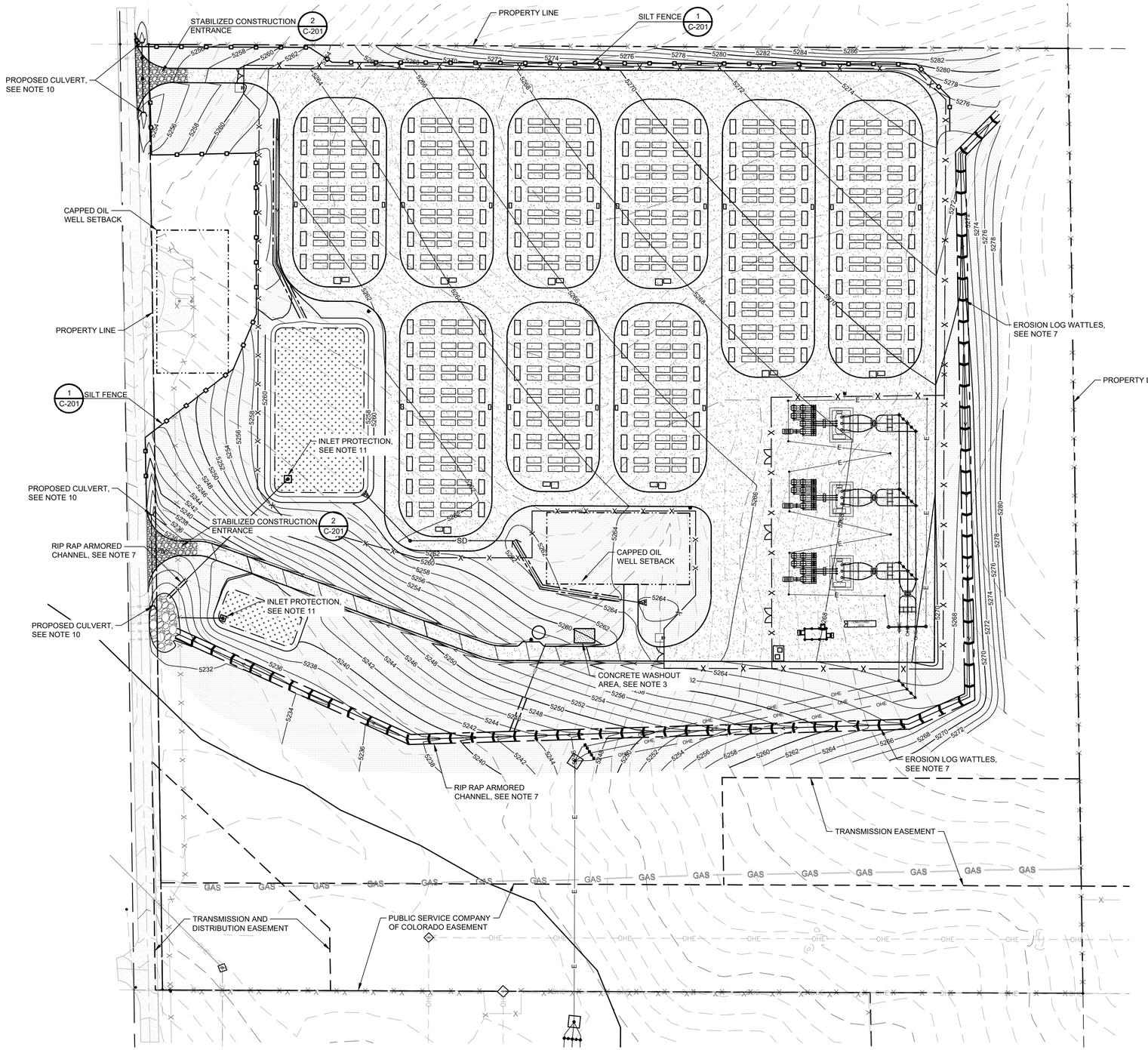
SHEET TITLE:

EXISTING CONDITIONS PLAN

SHEET NO:

C-100

S.34, T.1S., R.64W., 6 P.M., ADAMS COUNTY, COLORADO



1 C-200 EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1"=80'

80 40 0 80 160
SCALE: 1 INCH = 80 FEET

LEGEND

- EXISTING GRAVEL
- PROPOSED GRAVEL
- DETENTION POND
- SLOPE STABILIZATION, SEE NOTE 8
- PROPERTY LINE
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING OVERHEAD ELECTRIC LINE
- PROPOSED OVERHEAD ELECTRIC LINE
- PROPOSED ELECTRIC LINE
- EXISTING GAS LINE
- EASEMENT
- DITCH FLOW LINE
- SILT FENCE
- RIP RAP ARMORED CHANNEL
- OIL WELL SETBACK

NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES.
2. REFER TO SHEET C-201 FOR EROSION AND SEDIMENT CONTROL DETAILS.
3. INSTALL DEDICATED CONCRETE WASHOUT AREA AT MAIN ENTRANCE TO BESS YARD. SEE DETAIL 2, SHEET C-201 FOR MORE INFORMATION.
4. ELECTRICAL LAYOUT RELATED TO BATTERY ENCLOSURES AND ALL RELATED EQUIPMENT, ROADWAY WIDTHS AND ACCESS ROUTES, AND SITE LAYOUT DESIGNED BY OTHERS.
5. FIRE PROTECTION DESIGN AND CODE COMPLIANCE BY OTHERS.
6. SUBSTATION AND HV DESIGN BY OTHERS.
7. INSTALL TEMPORARY EROSION LOGS PER DETAIL 5, SHEET C-202 IN OFFSITE CONVEYANCE CHANNEL DURING CONSTRUCTION ACTIVITIES. ONCE CONSTRUCTION HAS BEEN COMPLETED AND SITE SLOPES HAVE BEEN STABILIZED, CONTRACTOR TO INSTALL RIP RAP ARMORING AS SHOWN ON SHEET C-300.
8. STABILIZE ALL REGRADED SLOPES WITH EROSION CONTROL BLANKETS PER THE MILE HIGH FLOOD DISTRICT "EROSION CONTROL BLANKET CONSTRUCTION GUIDANCE CHECKLIST."
9. SITE DISTURBANCE ANTICIPATED TO EXCEED 1-ACRE. FINAL DESIGN TO INCORPORATE A STORMWATER MANAGEMENT PLAN (SWMP) FOR MANAGEMENT OF CONSTRUCTION STORMWATER TO SUPPORT APPLICATION OF A CDPHE COR400000 CONSTRUCTION STORMWATER DISCHARGE PERMIT.
10. PROTECT CULVERT INLET AND OUTLET PER DETAIL 3, SHEET C-201.
11. POND OUTFALL CATCH BASIN STRUCTURE TO BE PROTECTED BY EROSION LOG AS SHOWN ON DETAIL 3, SHEET C-201, AS WELL AS INLET PROTECTION DEVICE (INLET INSERT) PER DETAIL 4, SHEET C-201.

Know what's below. Call before you dig.

PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
DRAWN	TCK
CHECKED	BLW
DATE	04/17/2026

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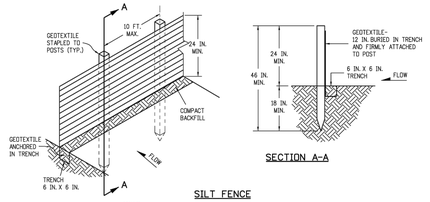
SHEET TITLE:

EROSION AND SEDIMENT CONTROL PLAN

SHEET NO:

C-200

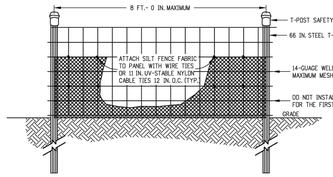


SECTION A-A

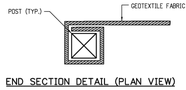
SILT FENCE

NOTES:

1. GEOTEXTILE SHALL BE ATTACHED TO WOOD POSTS WITH THREE OR MORE STAPLES PER POST. STAPLES SHALL BE HEAVY DUTY WIRE AND AT LEAST 1 INCH LONG.
2. WOOD POST SHALL BE INSTALLED PER 208.02 (b).
3. THE PAY ITEM NUMBER FOR SILT FENCE (LF) IS 208-00020.
4. THE SILT FENCE SHALL BE PLACED ON THE CONTOUR (AT THE SAME ELEVATION ±6 IN.). THE ENDS SHALL BE FLARED UP SLOPE (MINIMUM ELEVATION GAIN OF 18 IN.).



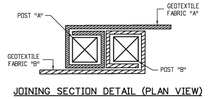
ELEVATION VIEW



END SECTION DETAIL (PLAN VIEW)

NOTE:

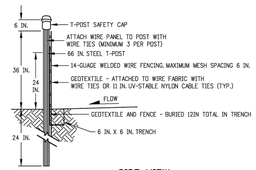
1. THE END OF THE SILT FENCE FABRIC SHALL BE WRAPPED APPROX. 6 INCHES AROUND A WOODEN POST (NE FULL TURN, THEN SECURED ALONG THE POST WITH 6 HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG.



JOINING SECTION DETAIL (PLAN VIEW)

NOTES:

1. THE ENDS OF THE SILT FENCE FABRIC SHALL BE JOINED TOGETHER BY WRAPPING APPROX. 6 INCHES OF EACH END AROUND A WOODEN POST ONE FULL TURN, THEN SECURED ALONG THE POST WITH 6 HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG.
2. POSTS SHALL BE TIGHTLY ABUTTED WITH NO GAPS TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT.



SIDE VIEW

NOTES:

1. THE ENDS OF THE SILT FENCE FABRIC SHALL BE JOINED TOGETHER BY WRAPPING APPROXIMATELY 6 INCHES OF EACH END AROUND A STEEL T-POST, THEN SECURED ALONG THE POST WITH WIRE TIES (MINIMUM 3 PER POST, AT THE TOP, MIDDLE, AND BOTTOM).
2. POSTS SHALL BE TIGHTLY ABUTTED WITH NO GAPS TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT.
3. SILT FENCES SHALL NOT BE USED FOR CHECK DAMS.
4. THE PAY ITEM NUMBER FOR SILT FENCE (REINFORCED) (LF) IS 208-00021.

SILT FENCE (REINFORCED)

SILT FENCE APPLICATIONS

Computer File Information		Sheet Revisions		
Creation Date: 07/31/19		Date:	Comments	
Designer Initials: DK	REV	05/16/24	Revised Silt Fence Note 2 and Silt Fence (Reinforced) Note 1.	
Last Modification Date: 05/16/24	REV			
Detailer Initials: LTA	REV			
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	REV			

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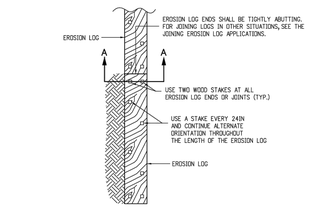
Construction Engineering Services DK

TEMPORARY EROSION CONTROL

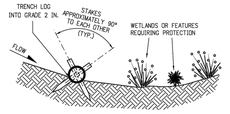
Issued by the Project Development Branch: July 31, 2019

STANDARD PLAN NO. M-208-1
Standard Sheet No. 8 of 11
Project Sheet Number:

1 C-201 SILT FENCE
SCALE: NTS



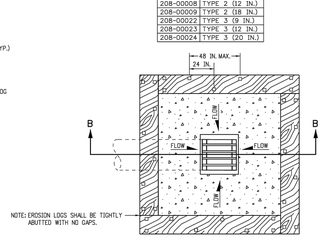
PLAN VIEW



SECTION A-A

TYPICAL STAKE INSTALLATION

EROSION LOGS PAY ITEMS	
NUMBER	DESCRIPTION
208-00012	TYPE 1 (9 IN.)
208-00002	TYPE 1 (12 IN.)
208-00013	TYPE 1 (20 IN.)
208-00007	TYPE 2 (8 IN.)
208-00008	TYPE 2 (12 IN.)
208-00009	TYPE 2 (18 IN.)
208-00022	TYPE 3 (9 IN.)
208-00023	TYPE 3 (12 IN.)
208-00024	TYPE 3 (20 IN.)



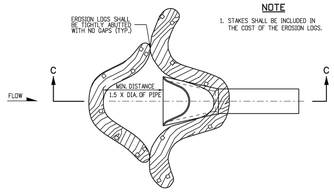
PLAN VIEW

NOTE: EROSION LOGS SHALL BE TIGHTLY ABUTTED WITH NO GAPS.

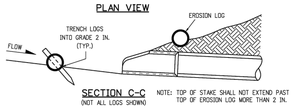
NOTE: THE TOPS OF ALL STAKES SHALL NOT EXTEND MORE THAN 2 INCHES ABOVE THE TOPS OF EROSION LOGS.

NOTE

1. STAKES SHALL BE INCLUDED IN THE COST OF THE EROSION LOGS.



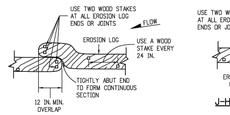
PLAN VIEW



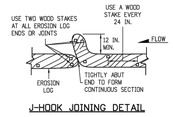
SECTION C-C
(NOT ALL LOGS SHOWN)

NOTE: TOP OF STAKE SHALL NOT EXTEND PAST TOP OF EROSION LOG MORE THAN 2 IN.

EROSION LOG CULVERT INLET PROTECTION

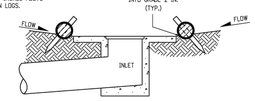


OVERLAP JOINING DETAIL



J-HOOK JOINING DETAIL

JOINING EROSION LOG APPLICATIONS

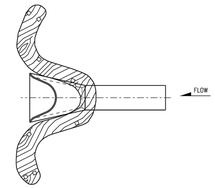


SECTION B-B

NOTE: LOCATE EROSION LOGS AT THE OUTSIDE EDGE OF THE CONCRETE APRON.

EROSION LOG FILTER AT DROP INLET

EROSION LOG
(SEDIMENT CONTROL LOG) APPLICATIONS



EROSION LOG CULVERT OUTLET PROTECTION

Computer File Information		Sheet Revisions		
Creation Date: 07/31/19		Date:	Comments	
Designer Initials: DK	REV	05/16/24	Added "Erosion Logs...No Gaps" dimension note to the "...Drop Inlet" plan view. Revised title.	
Last Modification Date: 05/16/24	REV			
Detailer Initials: LTA	REV			
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	REV			

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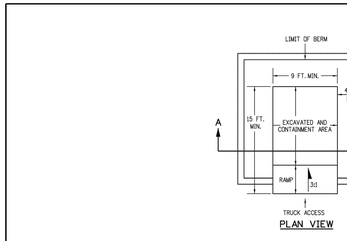
TEMPORARY EROSION CONTROL

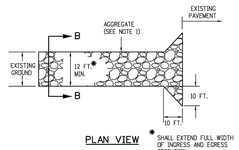
Issued by the Project Development Branch: July 31, 2019

STANDARD PLAN NO. M-208-1
Standard Sheet No. 2 of 11
Project Sheet Number:

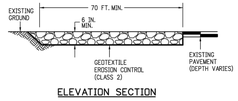
3 C-201 EROSION LOG INLET PROTECTION
SCALE: NTS



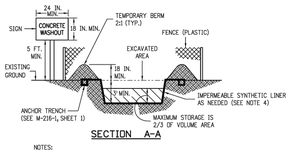
PLAN VIEW



PLAN VIEW



ELEVATION SECTION

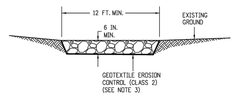


SECTION A-A

NOTES:

1. A FENCE (PLASTIC) CONFORMING TO SECTION 607 SHALL BE INSTALLED AROUND THE CONCRETE WASHOUT STRUCTURE, EXCEPT AT THE OPENING.
2. THE CONCRETE WASHOUT SIGN SHALL HAVE LETTERS AT LEAST 3 INCHES HIGH AND CONFORM TO SUBSECTION 630.02.
3. ALL MATERIALS AND LABOR TO COMPLETE THE CONCRETE WASHOUT STRUCTURE SHALL BE INCLUDED IN THE COST OF WORK AND NOT PAID FOR SEPARATELY.
4. THE BOTTOM OF EXCAVATION SHALL BE A MINIMUM OF FIVE FEET ABOVE GROUND WATER. IF NOT, THE BOTTOM OF EXCAVATION SHALL BE IN ACCORDANCE WITH 208.02 (c).
5. THE PAY ITEM NUMBER FOR CONCRETE WASHOUT STRUCTURE (EACH) IS 208-00045.

CONCRETE WASHOUT STRUCTURE



SECTION B-B

NOTES:

1. AGGREGATE SHALL CONFORM TO SUBSECTION 208.02 (m).
2. THE CONTRACTOR SHALL PROTECT CURB AND GUTTER THAT CROSSES THE ENTRANCE FROM DAMAGE, WHILE NOT BLOCKING FLOW OF WATER THRU STRUCTURE. PROTECTION OF THE CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF WORK AND NOT PAID FOR SEPARATELY.
3. GEOTEXTILE SHALL CONFORM TO SUBSECTION 712.08.
4. ALL MATERIALS AND LABOR TO COMPLETE THE VEHICLE TRACKING PAD SHALL BE INCLUDED IN THE COST OF WORK AND NOT PAID FOR SEPARATELY.
5. THE PAY ITEM NUMBER FOR VEHICLE TRACKING PAD (EACH) IS 208-00070.

VEHICLE TRACKING PAD

Computer File Information		Sheet Revisions		
Creation Date: 07/31/19		Date:	Comments	
Designer Initials: DK	REV		Revised Concrete Washout Structure Notes 1 and 4, and Vehicle Tracking Pad Note 1.	
Last Modification Date: 05/16/24	REV			
Detailer Initials: LTA	REV			
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	REV			

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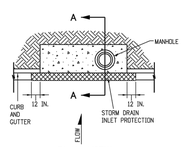
TEMPORARY EROSION CONTROL

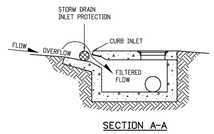
Issued by the Project Development Branch: July 31, 2019

STANDARD PLAN NO. M-208-1
Standard Sheet No. 1 of 11
Project Sheet Number:

2 C-201 STABILIZED CONSTRUCTION ENTRANCE
SCALE:NTS



PLAN VIEW

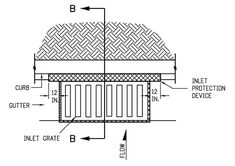


SECTION A-A

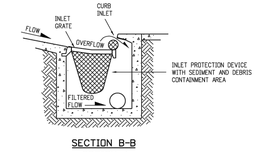
STORM DRAIN INLET PROTECTION (TYPE I)

NOTES:

1. INLET PROTECTION DEVICE SHALL EXTEND 12 INCHES PAST EACH END OF THE INLET.
2. THE PAY ITEM NUMBERS FOR STORM DRAIN INLET PROTECTION (TYPE I) ARE 208-00051 (LF), 208-00053 (IN INCHES (EACH), 208-00057 144 INCHES (EACH), AND 208-00058 204 INCHES (EACH).
3. FOR STORM DRAIN INLET TYPES I AND II, IF THERE IS A MINIMUM CLEARANCE OF 3 FEET FROM THE EDGE OF THE TRAVELED WAY TO THE FACE OF CURB, USE THE AGGREGATE BAGS AT STORM DRAIN INLET (TYPE I) DETAIL ON SHEET 4 INSTEAD.



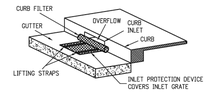
PLAN VIEW



SECTION B-B

OPTION A

STORM DRAIN INLET PROTECTION (TYPE II)

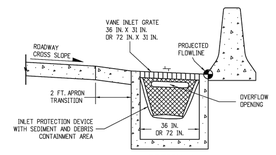


ISOMETRIC VIEW

OPTION B

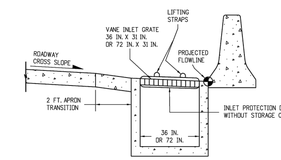
STORM DRAIN INLET PROTECTION (TYPE II)

NOTE: THE PAY ITEM NUMBERS FOR STORM DRAIN INLET PROTECTION (TYPE II) ARE 208-00054 (EACH).



OPTION A

STORM DRAIN INLET PROTECTION (TYPE III)



OPTION B

STORM DRAIN INLET PROTECTION (TYPE III)

NOTE: THE PAY ITEM NUMBER FOR STORM DRAIN INLET PROTECTION (TYPE III) (EACH) IS 208-00056.

STORM DRAIN INLET PROTECTION TYPES

Computer File Information		Sheet Revisions		
Creation Date: 07/31/19		Date:	Comments	
Designer Initials: DK	REV			
Last Modification Date: 05/16/24	REV			
Detailer Initials: LTA	REV			
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	REV			

Colorado Department of Transportation
2829 West Howard Place
CDOT HQ, 3rd Floor
Denver, CO 80204
Phone: 303-757-9021 FAX: 303-757-9868
Construction Engineering Services DK

TEMPORARY EROSION CONTROL

Issued by the Project Development Branch: July 31, 2019

STANDARD PLAN NO. M-208-1
Standard Sheet No. 5 of 11
Project Sheet Number:

4 C-201 INLET INSERT
SCALE:NTS

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO. 253044
DRAWN TCK
CHECKED BLW
DATE 04/17/2026

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SHEET TITLE:

EROSION AND SEDIMENT CONTROL DETAILS

SHEET NO:

C-201

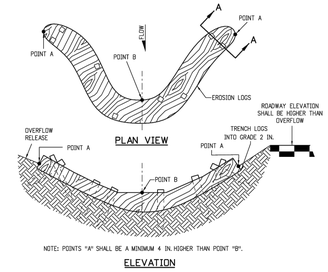
PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

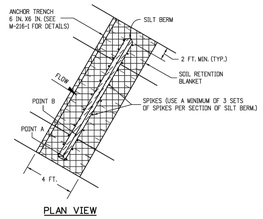
P:\DEN\25\00BS\253044 PRAIRIE PASS BESS DRAINAGE STUDY\0.0 DWGS\C\253044 - DETAILS.DWG ESC DETAILS - KOUDSI, TALEEN - LAST SAVED: April 3, 2026 - PLOT DATE: 4/17/26



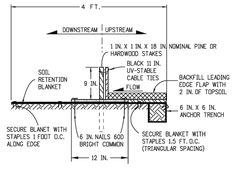
PLAN VIEW

NOTE: POINTS "A" SHALL BE A MINIMUM 4 IN. HIGHER THAN POINT "B".

ELEVATION

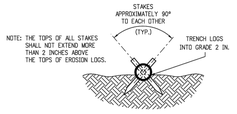


PLAN VIEW



NOTES:
1. MINIMUM 4 NAILS PER SEGMENT (UPSTREAM).
2. MINIMUM 2 NAILS PER SEGMENT (DOWNSTREAM).
3. MINIMUM 2 WOOD STAKES PER SEGMENT.

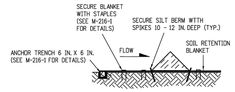
SILT BERM (2) SECTION VIEW



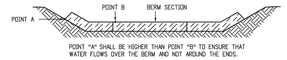
SECTION A-A

NOTES:
1. EROSION LOGS SHALL BE EMBEDDED 2 INCHES INTO THE SOIL.
2. EROSION LOGS SHALL BE TIGHTLY ABUTTED WITH NO GAPS.
3. V-SHAPED TEMPORARY DITCHES SHALL NOT BE USED. DITCHES SHAL BE GRADED IN A PARABOLIC OR TRAPEZOIDAL SHAPE.

EROSION LOG INSTALLATION



SILT BERM (1) SECTION VIEW



POINT "A" SHALL BE HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE BERM AND NOT AROUND THE ENDS.

FRONT VIEW

NOTES
1. ANCHOR SOIL RETENTION BLANKET INTO TRENCH WITH 8 INCHES MIN. STAPLES PLACED AT 1 FOOT INTERVALS ALONG EDGE.
2. FILL AND COMPACT TRENCH.
3. SECTIONS OF THE SILT BERM SHALL BE OVERLAPPED WITH NO GAPS.
4. FOR SLOPE AND CHANNEL SPACING SEE THE "SECTION VIEW ALONG DITCH FLOWLINE" DETAIL ON SHEET 11 OF 11.
5. SOIL RETENTION BLANKET SHALL ALWAYS BE REQUIRED.
6. THE PAY ITEM NUMBER FOR SILT BERM (LF) IS 208-00004.

SILT BERM INSTALLATION

DRAINAGE DITCH APPLICATIONS

Computer File Information		Sheet Revisions		Colorado Department of Transportation	TEMPORARY EROSION CONTROL	STANDARD PLAN NO.
Creation Date: 07/31/19		Date:	Comments	2829 West Howard Place CDOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868		M-208-1
Designer Initials: DK						Standard Sheet No. 6 of 11
Last Modification Date: 05/16/24						
Detailer Initials: LTA				Construction Engineering Services DK	Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English						

5 / C-202 DRAINAGE DITCH EROSION CONTROL
SCALE: NTS

P:\DEN\25\JOBS\253044 PRAIRIE PASS BESS DRAINAGE STUDY\0.0 DWGS\C\253044 - DETAILS.DWG ESC DETAILS (2) - KOUDSI, TALEEN - LAST SAVED: April 3, 2026 - PLOT DATE: 4/17/26

PRELIMINARY
NOT FOR
CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS
DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
DRAWN	TCK
CHECKED	BLW
DATE	04/17/2026

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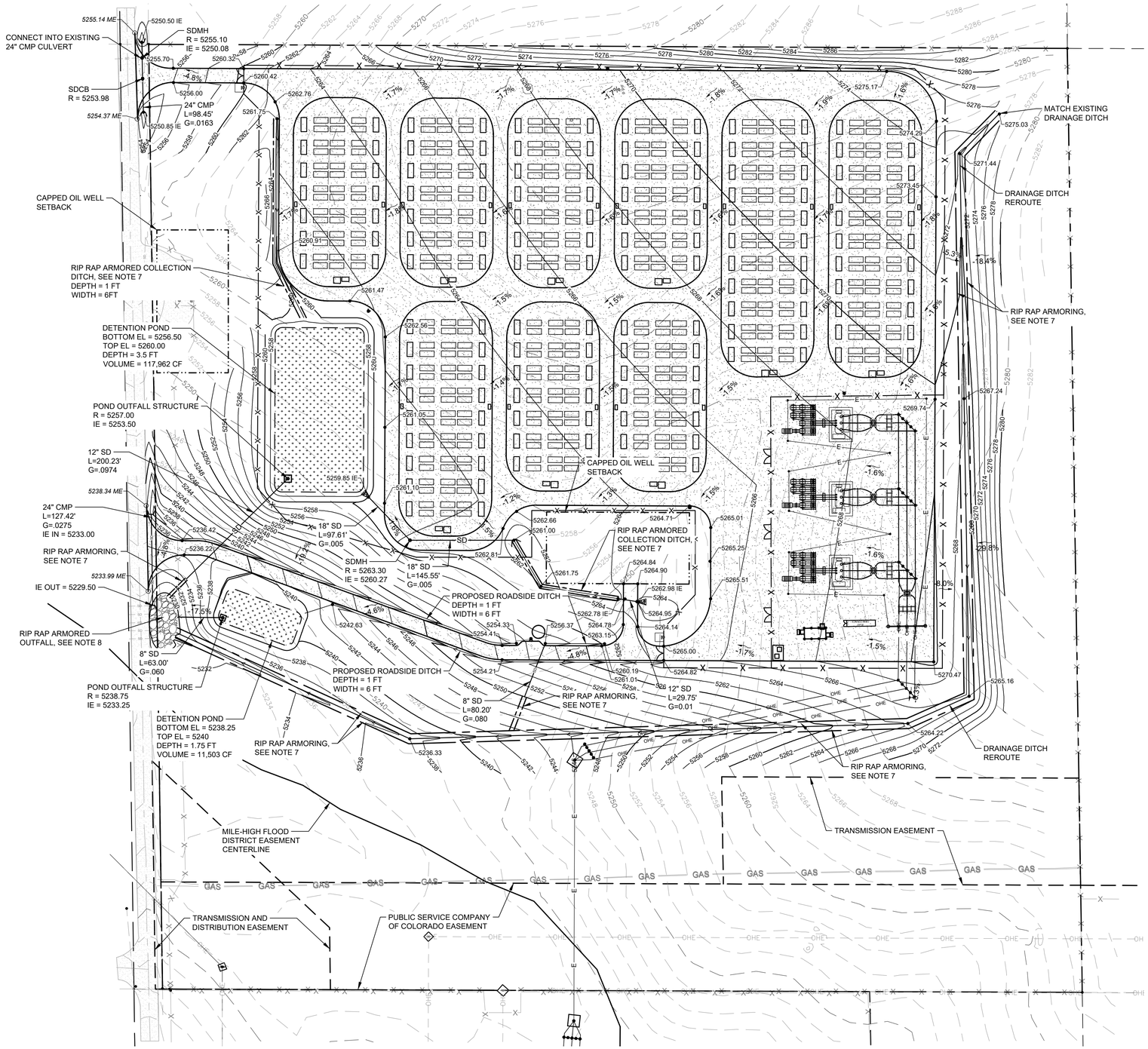
SHEET TITLE:

EROSION AND SEDIMENT CONTROL DETAILS

SHEET NO:

C-202

S.34, T.1S., R.64W., 6 P.M., ADAMS COUNTY, COLORADO



1 C-300 GRADING AND DRAINAGE PLAN
SCALE: 1"=80'

80 40 0 80 160
SCALE: 1 INCH = 80 FEET

LEGEND

- EXISTING GRAVEL
- PROPOSED GRAVEL
- PROPERTY LINE
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING OVERHEAD ELECTRICAL LINE
- PROPOSED OVERHEAD ELECTRIC LINE
- PROPOSED ELECTRIC LINE
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- EXISTING GAS LINE
- OIL WELL SETBACK
- DITCH FLOW LINE
- EXISTING EASEMENT
- RIP RAP ARMORING

ABBREVIATIONS

ME	MATCH EXISTING
TC	TOP OF CURB
TP	TOP OF PAVEMENT
EL	ELEVATION
CMP	CORRUGATED METAL PIPE
IE	INVERT ELEVATION
SD	STORM DRAIN
MH	MANHOLE
R	RIM ELEVATION
CB	CATCH BASIN

EARTHWORK QUANTITIES

CUT: 163,140 CY

FILL: 116,492 CY

NET CUT: 46,648 CY

ASSUMPTIONS:

1. VOLUME DISPLACED SOIL TO RECOMPACTED SOIL IS 1:1 RATIO.
2. 6" TOP SOIL STRIPPED AND DISPOSED OF OFFSITE OVER GRADING EXTENTS.
3. 5" GRAVEL SECTION PER GEOTECHNICAL RECOMMENDATIONS.
4. 24" REMOVAL AND RECOMPACTION UNDER GRAVEL SECTION PER GEOTECHNICAL RECOMMENDATIONS.

NOTES

1. REFER TO SHEET CC-001 FOR GENERAL NOTES.
2. CONTOURS SHOWN ARE 2 FOOT CONTOUR LINES UNLESS OTHERWISE NOTED.
3. ELECTRICAL LAYOUT COMPLETED BY OTHERS.
4. FIRE PROTECTION DESIGN AND CODE COMPLIANCE BY OTHERS.
5. SUBSTATION AND HV DESIGN BY OTHERS.
6. GRADING DESIGN ASSUMES FOUNDATIONS WILL BE DEEP FOUNDATION (PILES) ELEVATED ABOVE GRADE, ALLOWING FOR RUNOFF TO PASS UNDER BATTERY UNITS. IF MAT FOUNDATIONS ARE SELECTED AS FOUNDATION SYSTEM, A NEW GRADING CONCEPT WILL BE NEEDED TO SHOW RUNOFF DIRECTED AWAY FROM FOUNDATIONS.
7. INSTALL RIP RAP ARMORING IN PROPOSED CONVEYANCE DITCH. FINAL DESIGN OF RIP RAP WIDTH, DEPTH, AND ROCK SIZE BY ENGINEER OF RECORD.
8. RIP RAP ARMORED OUTFALL AREA UPSTREAM OF EXISTING CULVERT CROSSING AT CAVANAUGH ROADWAY. EXCAVATE EXISTING UPSTREAM INVERT OF HALF BURIED ROADWAY CULVERTS AND PROVIDE GENTLY SLOPED RIP RAP OUTFALL AREA TO DISIPATE ENERGY OF ONSITE AND OFFSITE RUNOFF SOURCES PRIOR TO DISCHARGE TO EXISTING ROADWAY CULVERT SYSTEM.

811 Know what's below. Call before you dig.

PRELIMINARY NOT FOR CONSTRUCTION

DUDEK

Jupiter POWER

PRAIRIE PASS BESS DRAINAGE STUDY

REV	DATE	DESCRIPTION
0	04/17/2026	ISSUE FOR PERMIT

PROJ. NO.	253044
DRAWN	TCK
CHECKED	BLW
DATE	04/17/2026

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SHEET TITLE:

GRADING AND DRAINAGE PLAN

SHEET NO:

C-300

ATTACHMENT # B- 3 April 15, 2002

Level 1 – Storm Drainage Plan

Item No.	Submitted[1]	County Use Only		
		Rejected	N/A	
1.	☑	☐	☐	Sheet Size –24" x 36" or 11" x 17" or 8½" x 11"
2.	☑	☐	☐	Project Title Sheet
3.	☑	☐	☐	Project Site Plan
4.	☑	☐	☐	Title Block – include name and address of proposed project/development.
5.	☑	☐	☐	• Drawing Information • North arrow indicator • Section-Township-Range • Drawing Scale • Symbol Legend
6.	☑	☐	☐	Name, address and telephone of the applicant, agent, or owner.
7.	☑	☐	☐	Name, address and telephone of the person preparing the plan.
8.	☑	☐	☐	Site Layout – including property boundaries, dimensions, area (in square feet or acres), adjoining street names and right-of-way widths.
9.	☑	☐	☐	Contour Lines - from the best available source, spot elevations, or indications of direction and steepness of slopes, with the source clearly identified
10.	☑	☐	☐	Drainage Structures - including existing and proposed structures (pipes, catch basins , channels, ponds, irrigation ditches, etc.) and impervious surfaces (parking lots, driveways, patios, buildings, etc.)
11.	☑	☐	☐	Utilities – existing and/or proposed with easements identified.
12.	☑	☐	☐	Natural Features – including drainage channels, wetlands, water bodies, areas of natural vegetation, and flood plains.
13.	☐	☐	☐	Area of Disturbance – including proposed clearing limits, areas to be graded, filled, excavated, or otherwise disturbed. The location of graded slopes shall be indicated, together with the proposed steepness and height. The location of stockpiles, haul roads and disposal sites shall also be indicated
14.	☑	☐	☐	Erosion and Sedimentation Control – including location and type of erosion and sedimentation control measures proposed.
15.	☑	☐	☐	General Construction Notes – include notes for clarification (see Appendix for County Examples.)

Developer's Comments (please reference the item number for each comment)

SEE PRELIMINARY SITE PLAN IN CUP APPLICATION FOR PRELIMINARY SDS LEVEL 1 INFORMATION. THE SITE PLAN WILL BE UPDATED AND REQUIRE A FINAL SITE PLAN REVIEW. THE FINAL CONSTRUCTION DRAWINGS WILL BE PREPARED IN ACCORDANCE WITH THE APPLICABLE CHAPTER 9 STORM DRAINAGE DESIGN AND STORMWATER QUALITY CONTROL REGULATIONS DEFINED IN THE ADAMS COUNTY DEVELOPMENT STANDARDS AND REGULATIONS. THE FINAL STORM DRAINAGE PLAN WILL ADDRESS ITEM 13 IN MORE DETAIL.

County's Comments

[1] To be checked by the Developer. If a "submitted" box is not checked, the Applicant must explain (in comment box above) or the application may be rejected for insufficient information.

Water Supply, Well Use, Sewer, Septic, and Utilities

- Prairie Pass Energy Storage ("the Project") intends to use water delivered by truck to an on-site tank and will not require a well or water utility service for its water supply.
- The Project will use temporary, portable bathroom structures during construction and operations that will be privately serviced and will not require sewer service or septic installation.
- The Project will not be a gas utility service customer. Electric utility service will be arranged with the local service provider.

PRAIRIE PASS LANDSCAPE PLAN

To:	Adams County Community & Economic Development Department
From:	Prairie Pass LLC
Subject:	Prairie Pass Energy Storage Project Landscape Plan
Date:	April 17, 2026
Attachment	Figure 1 Landscape Plan

During a preliminary development meeting, Adams County determined that the Prairie Pass Energy Storage Project (project) would require one Conditional Use Permit (CUP) approval for the Battery Energy Storage System (BESS), and one CUP for the proposed Substation. As conditions of approval for the two CUPs, Adams County required that Prairie Pass LLC (applicant) prepare a Landscape Plan (plan) outlining the landscaping requirements of the BESS facility, which is to be reviewed and approved by Adams County. The intent of this Landscape Plan is to provide a comprehensive outline of the County Landscaping requirements of the Adams County Development Standards and Regulations (Regulations), explain why some requirements are not applicable to the project, and describe the features that are proposed instead.

1. Adams County Landscaping Requirements

The landscaping requirements typically applicable to the project site are summarized below. For a full description of the requirements, see the Regulations.

1.1 4-19-01 Purpose

The purpose of the Adams County Development Standards and Regulations section is to establish landscaping and performance standards that promote a distinctive and cohesive image for Adams County. Landscaping requirements serve to protect public health, safety, and welfare by improving traffic safety within parking areas through the guidance of vehicle and pedestrian circulation and the reduction of traffic speeds. They also minimize noise, air, water, and visual pollution, provide screening and buffering between incompatible land uses, and reduce reflected glare and heat absorption in and around developments. In addition, these standards help break up large expanses of pavement, preserve property values, maintain neighborhood character, and provide effective wind screening. A further objective of the landscape requirements are the conservation of water resources through sustainable landscaping practices and reduction of long-term water consumption.

1.2 4-19-03 Existing Vegetation

The landscaping standards require the preservation of existing valuable vegetation wherever feasible. Trees, shrubs, and grasses located within natural drainage areas or in portions of the site not needed for development shall be retained. Existing vegetation that is successfully preserved may be credited toward meeting the overall landscaping requirements.

1.3. 4-19-04 Landscape Materials and Location

All landscape materials shall comply with the standards and regulations established by Adams County. Plant materials must be healthy and suitable for the local climate, as well as compatible with the site's soil characteristics, drainage conditions, and available water supply. Artificial trees, plants, and turf are prohibited as landscape materials. Landscaped areas shall remain visible and may not be enclosed by fences that obstruct sightlines. All landscaping must be located so as not to interfere with utilities, easements, road lighting, or fire hydrants. Proper placement of plant materials and structural elements is essential to maintain safety, accessibility, and functionality across the site.

1.4 4-19-05 Xeriscaping

Xeriscaping is strongly encouraged throughout all areas of Adams County as a means of achieving low-water and low-maintenance landscapes. When xeriscaping is proposed, the landscape plan must be designed to ensure long-term success by considering site-specific conditions such as soil composition, drainage patterns, exposure to heat and wind, and irrigation methods. To reduce water demand, turf areas should be limited to locations where they provide functional benefits. Mulch over geotextile fabric, low-water-use plants, efficient irrigation, and organic matter improvements are all practices to be considered and implemented when feasible.

1.5 4-19-06-01 Bufferyards

Bufferyards are required along the exterior boundaries of lots which do not abut public road right-of-way to provide visual screening and separation between land uses of differing intensities. For new industrial development, such as an Energy Facility, the bufferyard classification is determined by the adjacent land use or zoning. Where the project site abuts existing residential, institutional, and agricultural uses, a Type D bufferyard is required. For boundaries adjacent to existing industrial uses, no bufferyard is required. These bufferyard requirements are in addition to the overall landscaping standards for the site and are intended to mitigate visual and functional impacts of industrial development on surrounding properties. The bufferyards applicable to the project site per the Regulations are included in Table 1.

Table 1. Bufferyards Applicable to the Project site per the Regulations

Direction from Property	Adjacent Use	Bufferyard Type	Requirement
North	Agriculture and Residential	D	Fifteen (15) foot minimum bufferyard width with three (3) trees per sixty (60) linear feet and six (6) foot sight obscuring fence or wall[1] located on the interior line of the bufferyard.
East	Agriculture	D	Fifteen (15) foot minimum bufferyard width with three (3) trees per sixty (60) linear feet and six (6) foot sight obscuring fence or wall[1] located on the interior line of the bufferyard.
South	Existing Substation	None	None
West	Public Road	None	See Section 4-19-07, below

Source: Adams County Land Development Code Section 4-19-06-01

Notes: [1] A continuous hedge may be substituted for the fence or wall if it is at least three feet in height at installation and will reach six feet at maturity.

1.6 4-19-07 Required Lot Landscaping

In addition to the bufferyards required under Section 4-19-06, all developments must provide on-site landscaping equal to a minimum of ten percent of the total lot area. At least fifty percent of this landscaped area shall be located adjacent to public rights-of-way, excluding alleys and driveways, to ensure visual continuity along street frontages. There are additional requirements for off-road parking lot landscaping, however no public parking is proposed for this project. The property owner is responsible for the maintenance, relocation, or removal of landscaping if required by the County, and any landscaping installed within the public right-of-way will not be considered in land valuation for right-of-way acquisition purposes. Properties abutting a public road right-of-way must include a landscaped area along the frontage. The County provides several options to meet this requirement, including 5-foot-wide to 25-foot-wide landscape areas along the road rights-of-way with various planting requirements, or a landscape berm.

1.7 4-19-08-01 Cover in Landscaped Areas

All required landscaped areas and bufferyards must contain a minimum of seventy-five percent organic landscaping material, with a maximum of twenty-five percent non-living landscaping materials. All required landscaped areas and bufferyards shall be irrigated, maintained, and kept free of weeds, debris, and litter. In eastern Adams County, where the project is located, the percentages of living landscaping material shall be reduced to fifty percent and an automatic irrigation system is not required. The Regulations include details regarding the minimum size for landscaping materials, grading standards, and survival standards.

1.8 4-19-10 Landscaping Plan Required

A landscaping plan shall be required as a condition of building permit approval. The Director of Community and Economic Development shall determine if the plan meets the requirements of the County standards and regulations. The landscaping plan should identify existing plants, proposed removals, proposed planting, etc. This Landscape Plan is supplemented by Figure 1, showing proposed features described in Section 3. This Plan and Figure 1 will be updated as additional landscaping details are finalized based on discussions with the County.

1.9 4-19-11 Landscaping Installation and Certificate of Occupancy

All required landscaping and buffering shall be installed prior to issuance of a Certificate of Occupancy. In eastern Adams County, single-family residential land uses are not required to install landscaping and no landscaping is required for commercial and industrial land uses, which are serviced exclusively by wells, and which are restricted by the Colorado Division of Water Resources to inside use only.

1.10 4-19-12 Landscaping Phasing

A development agreement will be accepted in partial lieu of landscape if the applicant chooses to install landscape in phases. All landscape phasing shall be approved at the discretion of the Director of Community and Economic Development.

1.11 4-19-15 Administrative Relief

Administrative relief is provided to add flexibility in the application of the landscaping regulations in Section 4-17 when a standard is inapplicable or inappropriate to a specific use or design proposal. However, the granting of administrative relief should not always mean a requirement is reduced without mitigation – be it landscaping combined with urban design elements concentrated/denser plant material within a reduced buffer yard width, or demonstrations of concepts that are equal to or superior in fulfilling the purpose of the landscaping requirements. The reasonable development of a site may require the granting of administrative relief to some of the requirements. Although all the categories of landscape requirements are considered important, the County generally prioritizes buffers adjacent to residential uses, and attractive appearances adjacent to roads. A written request for administrative relief shall be submitted to the Director of Community and Economic Development either before or in conjunction with the building permit review process. In accordance with Section 4-19-15 of the Regulations, this Landscape Plan provides justification for why administrative relief is applicable for the proposed project.

1.12 4-19-16 Recommended Plant Materials

The Regulations include a list of agencies and local jurisdictions that have plant material recommendation lists that are most compatible with the Adams County area.

2 Applicability

Section 1 discusses the requirements applicable to the project site per the Regulations. However, as discussed in Section 1.11 of this Plan, the County provides administrative relief per Section 4-19-25 related to landscaping requirements. The County confirmed via an email provided by Greg Barnes to Jupiter on Monday, January 26, 2026, that there is flexibility in landscaping requirements and justification needs to be provided as to why a variance from the County's landscaping requirements is appropriate. This Section provides the requested justification.

Landscaping requirements are typically required to create a visual buffer for those who have view of the project site. However, Section 4-19-08-01 of the Regulations acknowledges the reduced need for landscaping in Eastern Adams County due to the nature of the existing conditions in that portion of the County. The project site is in eastern Adams County where there are minimal residential uses and a lack of major public viewpoints. The current project site and adjacent parcels, including the existing substation directly to the south, have minimal to no existing landscaping. New landscaping would create an additional visual contrast to the existing conditions of the neighboring properties.

Additionally, Section 4-19-08-01 of the Regulations identify that automatic irrigation is not required in Eastern Adams County, however landscaping still typically requires occasional watering. Water use during operation is not currently planned for the project. Lack of water use during operation supports the County's goal of conservation of water resources and reduces potential water demand for the project.

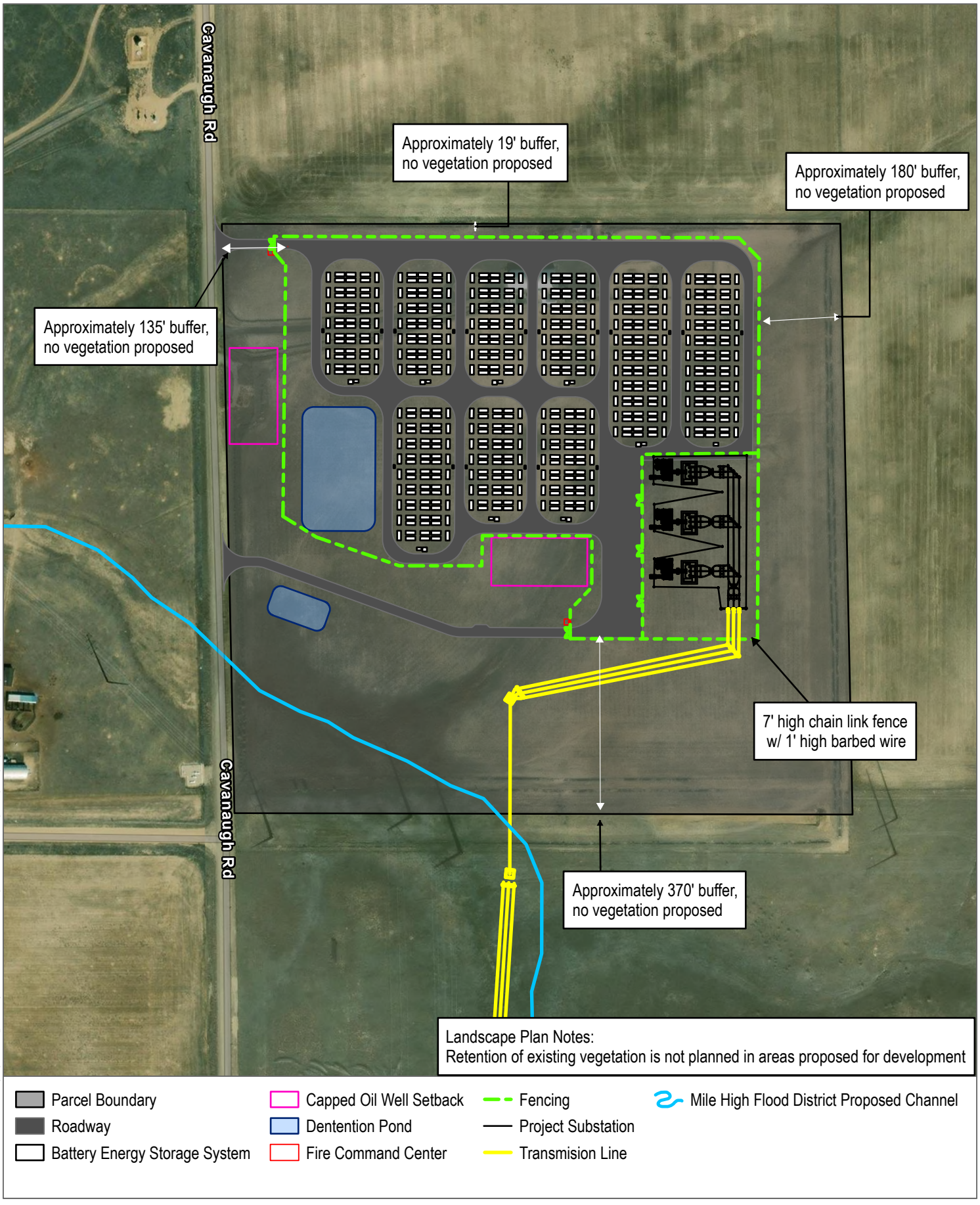
While bufferyards and lot landscaping would typically be required for the project site, as discussed in Sections 1.5 and 1.6 respectively, the requirements are not fully applicable to the type of project being proposed. Per Section 4-19-06-01, the north and eastern boundaries of the project site would require a 15-foot-wide bufferyard with trees and a fence. Per Section 4-19-07 of the Regulations, the west boundary of the project site would require a 25-foot-wide area with trees and shrubs along the public right-of-way. While a setback from the property boundary and a fence is applicable to a BESS project, planting of trees and shrubs is not applicable within the setback areas. It is

common for fire protection at BESS projects to include a buffer that functions as a fuel break between the project and neighboring properties. If landscaping and revegetation are required, then targeted practices to reduce the spread of weeds and encourage native species would be implemented. Also, while there is minimal existing landscaping currently on the west and south sides of the project parcel, retention of the existing vegetation described in Section 4-19-03 of the Regulations, is also not applicable in areas proposed for developed due to fire safety. However, retention of existing vegetation may be applicable in areas not proposed for development and locations are subject to final the final engineering design. These variances to the landscaping requirements align with Section 4-19-04 of the Regulations which highlight the importance of proper landscaping to maintain safety, accessibility, and functionality across the site. In the case of this project, no vegetation is preferred to maintain safety, accessibility, and functionality across the site.

3 Proposed Features

The proposed features are shown in Figure 1 of this Plan. The project includes a 7-foot-tall chain link fence with 1-foot-tall, barbed wire around the project site, which provides a physical barrier between the project site and nearby public rights-of-way and neighboring properties. The project includes an approximately 19-foot-wide buffer between the northern parcel boundary and the proposed fence, an approximately 180-foot-wide buffer between the eastern property boundary and the nearest portion of the proposed fence, and an approximately 135-foot-wide buffer between the western property boundary and the nearest portion of the proposed fence. These buffers exceed the buffer requirements identified in Sections 4-19-06-01 and 4-19-07 of the Regulations. While there are no buffer requirements for the southern property boundary, the project includes an approximately 370-foot-wide buffer between the southern property boundary and the proposed fence. No vegetation is proposed within these buffers and existing vegetation would not be purposefully retained in these areas. A majority of the southern portion of the project site is not proposed for development.

This Plan and Figure 1 will be updated as necessary when details are finalized based on discussions with the County and Brighton Fire Department.



SOURCE: ESRI Imagery

DUDEK

0 130 260 Feet

FIGURE 1

Landscape Plan

Prairie Pass Energy Storage Project

QUIT CLAIM DEED

THIS DEED, make this 25th day of October, 2024, between the Leslie Hosmer, as designated Personal Representative of the Estate of Harold D. Hosmer, as stated in Case number 19PRO322, and LaDonna Stuckert, by her Attorney-in-Fact, Leslie Hosmer, of the First Part, and Soaring Heights LLC, a Colorado Limited Liability Company, whose legal address is P.O. Box 265, Brighton, Colorado 80601, of the County of Adams and State of Colorado, of the Second Part,

WITNESSETH, That the said party of the First Part, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, to the said party of the First Part in hand paid by the said party of the Second Part, the receipt whereof is hereby confessed and acknowledged, has remised, released, sold, and QUITCLAIMED unto the said party of the Second Part, heirs, successors and assigns, forever, all the right title, interest, claim and demand which the said party of the First Part have in and to the following described lot or parcel of land situate, lying and being in the County of Adams and State of Colorado, to wit:

See attached Exhibit A

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances and privileges thereunto belonging or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever, including, without limitation, in and to all of the oil, gas and other minerals in and under and that may be produced from such land, of the said party of the First Part, either in law or equity, to the only proper use, benefit and behoof of the said party of the Second Part, heirs and assigns forever.

IN WITNESS WHEREOF, the said parties of the First Part have hereunto set hand and seal the day and year first above written,

Estate of Harold D. Hosmer

Leslie Hosmer, Pers. Rep

Leslie Hosmer, Personal Representative of the Estate of Harold D. Hosmer

Leslie Hosmer, POA

Leslie Hosmer, as Attorney-in-Fact

for

LaDonna Stuckert

STATE OF COLORADO)
)
County of Adams)

The foregoing instrument was acknowledged before me this 25th day of October, 2024, By Leslie Hosmer as designated Personal Representative

My Commission expires: Sep 27, 2026
WITNESS my hand and official seal

EDNA ANAYA CHACON
NOTARY PUBLIC - STATE OF COLORADO
NOTARY ID 20224037768
MY COMMISSION EXPIRES SEP 27, 2026

Edna Anaya
Notary Public

EXHIBIT A

A PORTION OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 64 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: CONSIDERING THE NORTH LINE OF THE NORTHWEST ¼ OF SAID SECTION 34 AS BEARING SOUTH 89 DEGREES 41 MINUTES 50 SECONDS EAST WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO: BEGINNING AT THE SOUTHEAST CORNER OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE NORTH 89 DEGREES 47 MINUTES 36 SECONDS WEST, COINCIDENT WITH THE SOUTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34, A DISTANCE OF 1287.80 FEET TO THE EAST RIGHT-OF-WAY LINE OF CAVANAUGH ROAD; THENCE NORTH 00 DEGREES 49 MINUTES 54 SECONDS WEST, COINCIDENT WITH SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 1322.93 FEET TO THE NORTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE SOUTH 89 DEGREES 44 MINUTES 44 SECONDS EAST, COINCIDENT WITH THE NORTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34, A DISTANCE OF 1286.05 FEET TO THE NORTHEAST CORNER OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE SOUTH 00 DEGREES 54 MINUTES 31 SECONDS EAST, COINCIDENT WITH THE EAST LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION

34, A DISTANCE OF 1321.89 FEET TO THE TRUE POINT OF BEGINNING, DESCRIPTION PROVIDED BY CURTIS D. HOOS, P.L.S. 37071 APRIL 6, 2006 CONTAINING 39.060 ACRES MORE OR LESS.

Transaction Identification Data, for which the Company assumes no liability as set forth in Commitment Condition 5.e.:
Issuing Agent: First American Title Insurance Company National Commercial Services
Issuing Office: 9255 Towne Center Drive, Suite 200, San Diego, CA 92121
Issuing Office's ALTA® Registry ID: z
Commitment Number: NCS-1211716-NRG
Issuing Office File Number: NCS-1211716-NRG
Property Address: APN: 0156534200004, , CO
Revision Number: 3

SCHEDULE A

1. Commitment Date: April 09, 2026 at 5:00 P.M.

2. Policy to be issued:
   a. 2021 ALTA Policy - form(s) To Be Determined
   Proposed Insured: Prairie Pass LLC, a Delaware limited liability company
   Proposed Amount of Insurance: $1,000.00
   The estate or interest to be insured: See Item 3 below

3. The estate or interest in the Land at the Commitment Date is:

   A Leasehold Estate created by that certain unrecorded Lease Agreement dated April 25, 2024, by and between Soaring Heights, LLC, a Colorado limited liability company, as Lessor, and Prairie Pass LLC, a Delaware limited liability company, as Lessee, and as evidenced by that certain Memorandum of Lease recorded May 10, 2024 at Reception No. 2024000024902, in the records of the Clerk and Recorder of Adams County, Colorado

4. The Title is, at the Commitment Date, vested in:

   Soaring Heights, LLC, a Colorado limited liability company, as to the fee estate.

   Prairie Pass, LLC, a Delaware Limited Liability Company, as to the leasehold estate.

5. The Land is described as follows:

   See Exhibit A attached hereto and made a part hereof

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Commitment No. NCS-1211716-NRG

EXHIBIT A

The Land referred to herein below is situated in the County of Adams, State of Colorado, and is described as follows:

A portion of the Southwest 1/4 of the Northwest 1/4 of Section 34, Township 1 South, Range 64 West of the 6th P.M., County of Adams, State of Colorado, more particularly described as follows:

Considering the North line of the Northwest 1/4 of said Section 34 as bearing South 89 degrees 41 minutes 50 seconds East with all bearings contained herein relative thereto: Beginning at the Southeast Corner of the Southwest 1/4 of the Northwest 1/4 of said Section 34; thence North 89 degrees 47 minutes 36 seconds West, coincident with the South line of the Southwest 1/4 of the Northwest 1/4 of said Section 34, a distance of 1287.80 feet to the East right-of-way line of Cavanaugh Road; thence North 00 degrees 49 minutes 54 seconds West coincident with said East right of way line, a distance of 1322.93 feet to the North line of the Southwest 1/4 of the Northwest 1/4 of said Section 34; thence South 89 degrees 44 minutes 44 seconds East, coincident with the North line of the Southwest 1/4 of the Northwest 1/4 of said Section 34, a distance of 1286.05 feet to the Northeast Corner of the Southwest 1/4 of the Northwest 1/4 of said Section 34; thence South 00 degrees 54 minutes 31 seconds East, coincident with the East line of the Southwest 1/4 of the Northwest 1/4 of said Section 34, a distance of 1321.89 feet to the True Point of Beginning,

County of Adams,
State of Colorado.

For informational purposes only: APN: 0156534200004

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Commitment No. NCS-1211716-NRG

SCHEDULE B, PART I—Requirements

All of the following Requirements must be met:

1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.

2. Pay the agreed amount for the estate or interest to be insured.

3. Pay the premiums, fees, and charges for the Policy to the Company.

4. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.

5. Payment of all taxes and assessments now due and payable as shown on a certificate of taxes due from the County Treasurer or the County Treasurer's Authorized Agent.

   NOTE: Tax certificate(s) must be ordered by or provided to the Company at least one week prior to closing.

6. Evidence that all assessments for common expenses, if any, have been paid.

7. Final Affidavit and Agreement executed by Owners and/or Purchasers must be provided to the Company.

8. Local ordinances may impose inchoate liens on the Land for unpaid water, sewer, stormwater drainage, or other utilities charges. If this transaction includes a sale of the Land, a Utilities Agreement and/or escrow is required.

9. The Company requires a five day notification prior to closing to update the information within this commitment.

10. Receipt by the Company of an ALTA/NSPS Land Title Survey, certified to First American Title Insurance Company, and in form and content satisfactory to the Company. The Company reserves the right to make further requirements and/or exceptions upon review of this survey.

11. Any existing leases or tenancies.

12. Receipt by the Company of the Lease to be insured hereunder, and all amendments and modifications thereto, if any.

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NOTE: This commitment is subject to further requirements and/or exceptions upon review of this lease agreement.

13. This item has been intentionally deleted.

14. Estoppel Affidavit from Soaring Heights, LLC, a Colorado limited liability company, as Landlord under the Lease, which contains the following:

    (i) consent to the sale/assignment of the leasehold interest,

    (ii) statement that the Lease and all amendments thereto are in full force and effect,

    (iii) statement that there are no existing defaults, or conditions or events that could ripen into default,

    (iv) the remaining lease term (noting extensions or options), and

    (v) affirmation that the lease is still valid and enforceable.

15. Receipt by the Company of the following documentation for Soaring Heights, LLC, a Colorado limited liability company:

    Operating Agreement, and all amendments thereto, if any.

    NOTE: The Company reserves the right to make further requirements and/or exceptions upon review of the above item(s).

16. Receipt by the Company of a satisfactory Final Affidavit and Indemnity, executed by Soaring Heights, LLC, a Colorado limited liability company.

17. Receipt by the Company of a satisfactory Final Affidavit and Indemnity, executed by Prairie Pass LLC, a Delaware limited liability company.

18. In connection with that certain lease agreement dated (the "Lease"), as evidenced by that certain Instrument No. in the Public Records, the Company requires: (x) a duly authorized estoppel executed by the landlord stating (i) that the Lease is in full force and effect, (ii) that there are no defaults or violations under the terms of the Lease, (iii) that all lease payments due and owing the landlord have been paid current, (iv) that neither party to the Lease has any known claims against the other under the terms of the Lease, and (v) that there are no amendments or modifications to the Lease other than as set forth in the estoppel, and (y) a duly authorized consent by the landlord, which may be included in the estoppel described above, to the transaction creating the estate, interest or Mortgage to be insured by the policy, if such consent is required under the terms of the Lease.

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19. Payment, Satisfaction and Release of a Deed of Trust from Ryan Specht, to the Public Trustee of Adams County, for the benefit of American AgCredit, FLCA to secure an indebtedness in the principal sum of $101,500.00, and any other amounts and/or obligations secured thereby, dated October 3, 2017 and recorded October 11, 2017 at Reception No. 2017000089002.

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Commitment No. NCS-1211716-NRG

SCHEDULE B, PART II—Exceptions

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This Commitment and the Policy treat any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document will be excepted from coverage.

The Policy will not insure against loss or damage resulting from the terms and conditions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land, or (b) asserted by persons or parties in possession of the Land. This will be deleted upon receipt of Owner's Affidavit.

2. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.

3. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by ALTA/NSPS survey made by Blue Trail Solar Energy, dated July 3, 2024, and last revised _____, consisting of seven sheets, hereinafter "Survey", UNDER REVIEW.

4. Any lien, or right to a lien, for services, labor, equipment or material heretofore or hereafter furnished, imposed by law.

5. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I—Requirements are met.

6. Taxes and assessments for the current year, a lien not yet due or payable.

7. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof.

8. Any water rights, claims or title to water, in, on or under the Land, whether or not the matters excepted are shown by the Public Records.

9. Intentionally deleted. Duplicative of exception #1.

10. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to, ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand and gravel located in, on, or under

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the Land or produces from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records.

11. Rights of the public as to Cavanaugh Road.

    NOTE: This item may be deleted upon review of a final survey.

12. Intentionally deleted. Duplicative of exception #3.

13. Intentionally deleted. Duplicative of exception #1.

14. Right of way for ditches and canals as constructed by the authority of the United States, as reserved in United States Patent recorded June 22, 1916 in Book 68 at Page 576.

15. Oil and Gas Lease recorded February 2, 1970 in Book 1584 at Page 465, and any and all assignments thereof or interests therein.

16. Terms, conditions, provisions, obligations, easements and agreements as set forth in the Right-of-Way Grant recorded February 3, 1975 in Book 1976 at Page 173.

17. Terms, conditions, provisions, obligations, easements and agreements as set forth in the Notice of General Description of Area Served by Panhandle Eastern Pipe Line Company Concerning Underground Facilities Pursuant to C.R.S Sec. 9-1.5-103 (1) (1981) recorded June 25, 1986 in Book 3162 at Page 961.

18. Terms, conditions, provisions, obligations, easements and agreements as set forth in the Easement recorded January 7, 1992 in Book 3853 at Page 520.

19. Terms, conditions, provisions, obligations and agreements as set forth in the Memorandum of Gas Purchase and Processing Agreement recorded May 9, 1995 at Reception No. C0072130.

20. Terms, conditions, provisions, obligations and agreements as set forth in the Option to Purchase Oil and Gas Interests recorded May 14, 1997 at Reception No. C0280352.

21. Terms, conditions, provisions, obligations and agreements as set forth in the Zoning Hearing Decision recorded January 4, 2000 at Reception No. C0628801.

22. Terms, conditions, provisions, obligations, easements and agreements as set forth in the Public Service Company of Colorado Easement recorded January 7, 2000 at Reception No. C0630056.

    Amendment and Restatement of Transmission and Access Easement Agreement in connection therewith recorded March 30, 2026 at Reception No. 2026000017488.

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23. Mineral rights as conveyed by Mineral Deed recorded July 15, 2005 at Reception No. 20050715000750710, and any and all assignments thereof or interests therein.

24. Terms, conditions, provisions, obligations and agreements as set forth in the Request for Notification of Surface Development recorded March 31, 2006 at Reception No. 20060331000327060.

25. Terms, conditions, provisions, obligations and agreements as set forth in the Memorandum of Gas Purchase and Sale Agreement recorded December 15, 2008 at Reception No. 2008000096558.

26. Oil and Gas Lease recorded June 18, 2010 at Reception No. 2010000040619 and re-recorded January 31, 2012 at Reception No. 2012000007204, and any and all assignments thereof or interests therein.

27. Oil and Gas Lease recorded June 18, 2010 at Reception No. 2010000040620 and re-recorded January 31, 2012 at Reception No. 2012000007205, and any and all assignments thereof or interests therein.

28. Terms, conditions, provisions, obligations and agreements as set forth in the Memorandum of Surface Use Agreement recorded August 26, 2010 in Reception No. 2010000057308.

    Affidavit of Correction in connection therewith recorded November 29, 2010 at Reception No. 2010000082645.

29. Mineral rights as conveyed by Special Warranty Deed recorded January 7, 2013 at Reception No. 2013000001583, and any and all assignments thereof or interests therein.

30. Mineral rights as conveyed by Mineral Deed recorded September 16, 2013 at Reception No. 2016000077780, and any and all assignments thereof or interests therein.

31. Intentionally deleted because it does not affect per survey.

32. Terms, conditions, provisions, obligations, easements and agreements as set forth in the Transmission and Access Easement Agreement recorded February 1, 2022 at Reception No. 2022000009097.

33. Terms, conditions, provisions, obligations and agreements as set forth in the Consent recorded March 15, 2022 at Reception No. 2022000022986.

34. Terms, conditions, provisions, obligations and agreements as set forth in the Resolution 2023-142 recorded June 8, 2023 at Reception No. 2023000032315.

35. Reservation of oil, gas and other minerals as reserved in Warranty Deed recorded April 29, 1996 at Reception No. C0168784, and any and all assignments thereof or interests therein.

36. A Leasehold Estate created by that certain unrecorded Lease Agreement dated April 25, 2024 by and between Soaring Heights LLC, a Colorado limited liability company, as lessor, and Prairie Pass LLC, a

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Delaware limited liability company, as lessee, and as evidenced by that certain Memorandum of Lease recorded May 10, 2024 at Reception No. 2024000024902, in the records of the Clerk and Recorder of Adams County, Colorado.

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DISCLOSURE STATEMENT

Pursuant to C.R.S. 30-10-406(3)(a) all documents received for recording or filing in the Clerk and Recorder's office shall contain a top margin of at least one inch and a left, right and bottom margin of at least one-half of an inch. The Clerk and Recorder will refuse to record or file any document that does not conform to the requirements of this section.

NOTE: If this transaction includes a sale of the property and the price exceeds $100,000.00, the seller must comply with the disclosure/withholding provisions of C.R.S. 39-22-604.5 (Nonresident withholding).

NOTE: Colorado Division of Insurance Regulations 8-1-2 requires that "Every title insurance company shall be responsible to the proposed insured(s) subject to the terms and conditions of the title commitment, other than the effective date of the title commitment, for all matters which appear of record prior to the time of recording whenever the title insurance company, or its agent, conducts the closing and settlement service that is in conjunction with its issuance of an owner's policy of title insurance and is responsible for the recording and filing of legal documents resulting from the transaction which was closed.

Pursuant to C.R.S. 10-11-122, the company will not issue its owner's policy or owner's policies of title insurance contemplated by this commitment until it has been provided a Certificate of Taxes due or other equivalent documentation from the County Treasurer or the County Treasurer's authorized agent; or until the Proposed Insured has notified or instructed the company in writing to the contrary.

The subject property may be located in a special taxing district. A Certificate of Taxes due listing each taxing jurisdiction shall be obtained from the County Treasurer or the County Treasurer's authorized agent. Information regarding special districts and the boundaries of such districts may be obtained from the Board of County Commissioners, the County Clerk and Recorder, or the County Assessor.

C.R.S. 10-11-122 (4), Colorado Notaries may remotely notarize real estate deeds and other documents using real-time audio-video communication technology. You may choose not to use remote notarization for any document.

NOTE: Pursuant to CRS 10-11-123, notice is hereby given:

This notice applies to owner's policy commitments containing a mineral severance instrument exception, or exceptions, in Schedule B, Section 2.

A. **That there is recorded evidence that a mineral estate has been severed, leased, or otherwise conveyed from the surface estate and that there is a substantial likelihood that a third party holds some or all interest in oil, gas, other minerals, or geothermal energy in the property; and**
B. **That such mineral estate may include the right to enter and use the property without the surface owner's permission.**

NOTE: Pursuant to Colorado Division of Insurance Regulations 8-1-2, Affirmative mechanic's lien protection for the Owner may be available (typically by deletion of Exception no. 4 of Schedule B, Section 2 of the Commitment from the Owner's Policy to be issued) upon compliance with the following conditions:

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A. **The land described in Schedule A of this commitment must be a single family residence which includes a condominium or townhouse unit.**
B. **No labor or materials have been furnished by mechanics or material-men for purposes of construction on the land described in Schedule A of this Commitment within the past 6 months.**
C. **The Company must receive an appropriate affidavit indemnifying the Company against un-filed mechanic's and material-men's liens.**
D. **The Company must receive payment of the appropriate premium**.
E. **If there has been construction, improvements or major repairs undertaken on the property to be purchased within six months prior to the Date of the Commitment, the requirements to obtain coverage for unrecorded liens will include: disclosure of certain construction information; financial information as to the seller, the builder and or the contractor; payment of the appropriate premium, fully executed Indemnity Agreements satisfactory to the company, and, any additional requirements as may be necessary after an examination of the aforesaid information by the Company.**

No coverage will be given under any circumstances for labor or material for which the insured has contracted for or agreed to pay.

NOTE: Pursuant to C.R.S. 38-35-125(2) no person or entity that provides closing and settlement services for a real estate transaction shall disburse funds as a part of such services until those funds have been received and are available for immediate withdrawal as a matter of right.

NOTE: C.R.S. 39-14-102 requires that a real property transfer declaration accompany any conveyance document presented for recordation in the State of Colorado. Said declaration shall be completed and signed by either the grantor or grantee.

NOTE: Pursuant to CRS 10-1-128(6)(a), It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado division of insurance within the department of regulatory agencies.

Nothing herein contained will be deemed to obligate the company to provide any of the coverages referred to herein unless the above conditions are fully satisfied.

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ALTA COMMITMENT FOR TITLE INSURANCE
issued by
FIRST AMERICAN TITLE INSURANCE COMPANY

NOTICE

IMPORTANT—READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I—Requirements; Schedule B, Part II—Exceptions; and the Commitment Conditions, First American Title Insurance Company, a Nebraska Corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Amount of Insurance and the name of the Proposed Insured.

If all of the Schedule B, Part I—Requirements have not been met within six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

FIRST AMERICAN TITLE INSURANCE COMPANY

Sally F. Tyler, President

Lisa W. Cornehl, Secretary

This page is only a part of a 2021 ALTA Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; and Schedule B, Part II—Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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COMMITMENT CONDITIONS

1. DEFINITIONS

a. "Discriminatory Covenant": Any covenant, condition, restriction, or limitation that is unenforceable under applicable law because it illegally discriminates against a class of individuals based on personal characteristics such as race, color, religion, sex, sexual orientation, gender identity, familial status, disability, national origin, or other legally protected class.

b. "Knowledge" or "Known": Actual knowledge or actual notice, but not constructive notice imparted by the Public Records.

c. "Land": The land described in Item 5 of Schedule A and improvements located on that land that by State law constitute real property. The term "Land" does not include any property beyond that described in Schedule A, nor any right, title, interest, estate, or easement in any abutting street, road, avenue, alley, lane, right-of-way, body of water, or waterway, but does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.

d. "Mortgage": A mortgage, deed of trust, trust deed, security deed, or other real property security instrument, including one evidenced by electronic means authorized by law.

e. "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.

f. "Proposed Amount of Insurance": Each dollar amount specified in Schedule A as the Proposed Amount of Insurance of each Policy to be issued pursuant to this Commitment.

g. "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.

h. "Public Records": The recording or filing system established under State statutes in effect at the Commitment Date under which a document must be recorded or filed to impart constructive notice of matters relating to the Title to a purchaser for value without Knowledge. The term "Public Records" does not include any other recording or filing system, including any pertaining to environmental remediation or protection, planning, permitting, zoning, licensing, building, health, public safety, or national security matters.

i. "State": The state or commonwealth of the United States within whose exterior boundaries the Land is located. The term "State" also includes the District of Columbia, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, and Guam.

j. "Title": The estate or interest in the Land identified in Item 3 of Schedule A.

2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:

a. the Notice;
b. the Commitment to Issue Policy;
c. the Commitment Conditions;
d. Schedule A;
e. Schedule B, Part I—Requirements; and
f. Schedule B, Part II—Exceptions; and
g. a counter-signature by the Company or its issuing agent that may be in electronic form.

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4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company is not liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

a. The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
   i. comply with the Schedule B, Part I—Requirements;
   ii. eliminate, with the Company's written consent, any Schedule B, Part II—Exceptions; or
   iii. acquire the Title or create the Mortgage covered by this Commitment.

b. The Company is not liable under Commitment Condition 5.a. if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.

c. The Company is only liable under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.

d. The Company's liability does not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Condition 5.a. or the Proposed Amount of Insurance.

e. The Company is not liable for the content of the Transaction Identification Data, if any.

f. The Company is not obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.

g. The Company's liability is further limited by the terms and provisions of the Policy to be issued to the Proposed Insured.

6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT; CHOICE OF LAW AND CHOICE OF FORUM

a. Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.

b. Any claim must be based in contract under the State law of the State where the Land is located and is restricted to the terms and provisions of this Commitment. Any litigation or other proceeding brought by the Proposed Insured against the Company must be filed only in a State or federal court having jurisdiction.

c. This Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.

d. The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.

e. Any amendment or endorsement to this Commitment must be in writing and

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authenticated by a person authorized by the Company.

f. When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT IS ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for closing, settlement, escrow, or any other purpose.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. CLAIMS PROCEDURES

This Commitment incorporates by reference all Conditions for making a claim in the Policy to be issued to the Proposed Insured. Commitment Condition 9 does not modify the limitations of liability in Commitment Conditions 5 and 6.

10. CLASS ACTION

ALL CLAIMS AND DISPUTES ARISING OUT OF OR RELATING TO THIS COMMITMENT, INCLUDING ANY SERVICE OR OTHER MATTER IN CONNECTION WITH ISSUING THIS COMMITMENT, ANY BREACH OF A COMMITMENT PROVISION, OR ANY OTHER CLAIM OR DISPUTE ARISING OUT OF OR RELATING TO THE TRANSACTION GIVING RISE TO THIS COMMITMENT, MUST BE BROUGHT IN AN INDIVIDUAL CAPACITY. NO PARTY MAY SERVE AS PLAINTIFF, CLASS MEMBER, OR PARTICIPANT IN ANY CLASS OR REPRESENTATIVE PROCEEDING. ANY POLICY ISSUED PURSUANT TO THIS COMMITMENT WILL CONTAIN A CLASS ACTION CONDITION.

11. ARBITRATION

The Policy contains an arbitration clause. All arbitrable matters when the Proposed Amount of Insurance is $2,000,000 or less may be arbitrated at the election of either the Company or the Proposed Insured as the exclusive remedy of the parties. A Proposed Insured may review a copy of the arbitration rules at http://www.alta.org/arbitration.

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WESTERN LAND SERVICES
AN EMPLOYEE OWNED COMPANY

Subsurface Ownership Report

Client Order/File No.:	WS05594/WS20611
Scope of Search:	Subsurface Update to Present
County Records Effective Date:	Patent - 4/1/1902 to 3/13/2026

Property Description

State/County:	CO/Adams	**Township/District/ OR S-T-R:**	34-1S-64W		
Parcel:	0156534200004	**Assessed Acreage:**	39.0600		
Tax Amount:	N/A	**Tax Status:**	N/A	**Due Date:**	N/A
Legal Description:	p/o SW4NW4 of Section 34, Township 1 South, Range 64 West of the 6th PM				

Mineral Ownership

Description: p/o SW4NW4 of Section 34, Township 1 South, Range 64 West of the 6th PM — 39.0600

Owner:	Interest	Net Acres:	Status:	Vesting Doc:
Soaring Heights LLC, a Colorado Limited Liability Company	0.50000	19.53000	Open	2025000001579
LaDonna Stuckert, Successor Trustee of the Harold W. Hosmer Trust	0.25000	9.76500	Open	3878/1
LaDonna Stuckert, Successor Trustee of the Leona Hosmer Trust	0.25000	9.76500	Open	3878/1
TOTALS:	1.0000	39.0600		

Current Lease of Record

None of Record.

Mortgages

None Open/Unsatisfied of Record.

Judgments/Liens

None Open/Unsatisfied of Record.

Well Information

No active or producing wells found located upon property or unitized with property.

Unit Information

None Found.

Title Notes

Note 1:

See Quit Claim Deed 2025000001579 regarding the interest of the Harold W. Hosmer Trust and the Leona Hosmer Trust, with LaDonna Stuckart, Trustee, acting by and through her attorney-in-fact, Leslie Hosmer. No recorded Power of Attorney was found confirming that the agent is authorized to act in a trustee capacity; therefore, additional curative may be required.

DISCLAIMER STATEMENT:
The information set forth herein is based on a limited search of the records of the County(ies) and State(s) as directed by the party requesting the report, and this report has been prepared for the exclusive use of such party. Western Land Services, Inc. ("WLS") is not a law firm and does not offer certified opinions of title for which a licensed title attorney is required. Accordingly, no warranty or certification of title is being made herein. By your acceptance of this Report, you agree to waive any recourse against and hold harmless WLS and its employees and contractors for any title errors or omissions beyond the scope of the work requested and payment received for preparing this report.

Examined by: Traci Brillhart
Reviewed by: Shelly Anderson

Property Legal Description

That certain real property comprised of approximately 39.06 acres located in Adams County, State of Colorado, bearing the tax identification number 156534200004, and more particularly described as follows:

SECT,TWN,RNG:34-1-64 DESC: PORT OF THE SW4 OF THE NW4 OF SEC 34 DESC AS CONSIDERING THE N LN OF THE NW4 OF SD SEC 34 AS BEARING S 89D 41M 50S E BEG AT THE SE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH N 89D 47M 36S W COINCIDENT WITH THE S LN OF THE SW4 OF

Statement Of Taxes Due

Account Number R0168645

Assessed To

Parcel 0156534200004

SOARING HEIGHTS LLC
19975 N HIGHWAY 127
GARFIELD, AR 72732-9688

Legal Description

SECT,TWN,RNG:34-1-64 DESC: PORT OF THE SW4 OF THE NW4 OF SEC 34 DESC AS CONSIDERING THE N LN OF THE NW4 OF SD SEC 34 AS BEARING S 89D 41M 50S E BEG AT THE SE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH N 89D 47M 36S W COINCIDENT WITH THE S LN OF THE SW4 OF THE NW4 OF SD SEC 34 A DIST OF 1287/80 FT TO ... Additional Legal on File

Situs Address

12500 CAVANAUGH RD

Year	Tax	Interest	Fees	Payments	Balance
Tax Charge					
2025	$142.08	$0.00	$0.00	($142.08)	$0.00
Total Tax Charge					$0.00
Grand Total Due as of 04/06/2026					**$0.00**

Tax Billed at 2025 Rates for Tax Area 242 - 242

Authority	Mill Levy	Amount
SD 27 BOND (Brighton)	20.0410000	$26.87
SD 27 GENERAL (Brighton)	36.2490000	$48.61
Taxes Billed 2025	56.2900000	$75.48

Values	Actual	Assessed
AG DRY FARMING LAND	$4,966	$1,341
Total	$4,966	$1,341

Tax Billed at 2025 Rates for Tax Area 242 - 242

Authority	Mill Levy	Amount
RANGEVIEW LIBRARY DISTRICT	3.7150000	$4.98
FIRE DISTRICT 6 - GREATER B	17.5040000	$23.46
GENERAL	23.3550000	$31.30
RETIREMENT	0.3140000	$0.42
ROAD/BRIDGE	1.3000000	$1.74
DEVELOPMENTALLY DISABLED	0.2570000	$0.34
URBAN DRAINAGE SOUTH PLATTE	0.1000000	$0.13
URBAN DRAINAGE & FLOOD CONT	0.9000000	$1.21
SOCIAL SERVICES	2.2530000	$3.02
Taxes Billed 2025	49.6980000	$66.60

Values	Actual	Assessed
AG DRY FARMING LAND	$4,966	$1,340
Total	$4,966	$1,340

Tax amounts are subject to change due to endorsement, advertising, or fees.
Please call the office to confirm amount due after August 1st.

All Tax Lien Redemption payments must be made with cash or cashier’s check.

Adams County Treasurer &Public Trustee
4430 S Adams County Parkway, Suite W1000
Brighton, CO 80601
720-523-6160

LSC TRANSPORTATION CONSULTANTS, INC.

1889 York Street
Denver, CO 80206
(303) 333-1105
FAX (303) 333-1107
E-mail: lscdenver@lsctrans.com

April 16, 2026

Ms. Elysa Briens
Dudek
605 Third Street
Encinitas, CA 92024

Re: Prairie Pass Battery
Energy Storage System
Adams County, CO
LSC #250200

Dear Ms. Briens:

In response to your request, LSC Transportation Consultants, Inc. has prepared this trip generation letter for the proposed Prairie Pass Battery Energy Storage System (BESS). The site is located south of E. 128th Avenue and east of Cavanaugh Road in Adams County, Colorado.

INTRODUCTION

The purpose of this letter is to estimate the trip generation potential for the currently proposed land use once it is operational.

LAND USE

The site is proposed to include a battery energy storage facility with minimal trips once in operation.

TRIP GENERATION

Table 1 shows the estimated average weekday daily and peak-hour trip generation potential for ongoing operations based on information provided by the applicant.

All vehicles are expected to be light trucks.

Table 1 also shows the estimated trip generation for the site based on the ITE *Trip Generation Manual* - the Utility use (LUC #170) is the closest use to the proposed BESS use.

CONCLUSIONS

1. The temporary traffic impact during construction will be considerably higher than once the site is in operation.

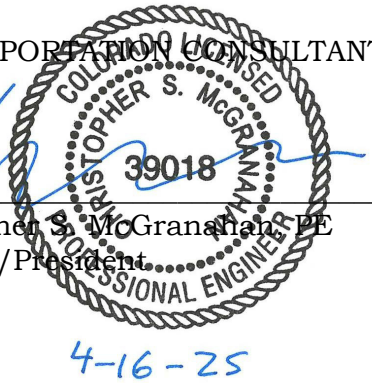
2. No turn lanes are recommended at the site access or at any area intersections because the impact will be temporary and the trips are expected to be spread out over time. A site-specific traffic control plan may be appropriate at the time of construction.

* * * * *

We trust this traffic impact analysis will assist you in gaining approval of the proposed Prairie Pass Battery Energy Storage System (BESS). Please contact me if you have any questions or need further assistance.

Sincerely,

LSC TRANSPORTATION CONSULTANTS, INC.



By_____
Christopher S. McGranahan, PE
Principal/President

4-16-25

CSM/wc

Enclosure: Table 1

G:\Shared drives\Denver Projects 2021-2030\2025\250200-PrairiePass\Report\April-2026\PrairiePass-TripGen-041626.wpd

Table 1
ESTIMATED TRAFFIC GENERATION
Prairie Pass Battery Energy Storage System (BESS)
Adams County, CO
LSC #250200, April, 2026

		Trip Generation Rates[1] [2]					Vehicle - Trips Generated				
		Average	AM Peak Hour		PM Peak Hour		Average	AM Peak Hour		PM Peak - Hour	
Trip Generating Category	Quantity	Weekday	In	Out	In	Out	Weekday	In	Out	In	Out
Daily Trip Generation Potential	1 BESS Site						4	1	0	0	1
Weekly Trip Generation Potential (Routine Operation)							2	1	0	0	1
Closest ITE Land Use Code to the Proposed BESS Use											
Utility [2]	1 Employee	3.85	0.618	92.000	0.090	0.600	4	1	0	0	1

Notes:
(1) Source: Based on information provided by the Applicant because the proposed land use is not included in the ITE *Trip Generation Manual.*
(2) ITE Land Use Code #170 - Utility - based on one employee

Prairie Pass Neighborhood Meeting – Virtual Meeting

Date: October 22, 2025
Time: 6:00 PM
Location: Zoom Virtual Meeting
Recording Link: *https://www.youtube.com/watch?v=jyUQ5LUvog0*
Team Members Present:

- The Pachner Company
- Fire Risk Alliance
- Jupiter Power

Meeting Summary

The virtual neighborhood meeting for the Prairie Pass Energy Storage Project commenced at 6:00 PM on October 22, 2025. The project team opened the Zoom meeting room and remained online to allow time for community members to join.

Despite the allotted waiting period, **no attendees joined** the meeting.

Given the absence of participants, the project team proceeded with the planned presentation. Representatives from The Pachner Company, and Jupiter Power provided an overview of the Prairie Pass Energy Storage Project, outlining key project components, safety considerations, and anticipated next steps.

The full presentation was recorded, and the recording is available at the link provided above.

End of report

Phase I Environmental Site Assessment

Prairie Pass Project
12500 Cavanaugh Road
Hudson, Colorado

DECEMBER 2025

Prepared for:

PRAIRIE PASS, LLC
1108 Lavaca Street, Suite 110-349
Austin, Texas 78701

Prepared by:

DUDEK

Corporate Office:
687 S. Coast Highway 101, Suite 110
Encinitas, California 92024

Susie Smith, PG
Geologist

Stephanie Chao
Environmental Engineer

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H Certified Sanborn Map Report
I City Directory Report
J Environmental Lien Search Report
K Vapor Encroachment Report

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AUL	activity and use limitation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
ECMC	Energy and Carbon Management Commission
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
HFPO-DA	hexafluoropropylene oxide dimer acid
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PFAS	per- and polyfluoroalkyl substances
PFBS	perfluorobutanesulfonic acid
PFHxS	perfluorohexanesulfonic acid
PFNA	perfluorononanoic acid
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
REC	recognized environmental condition
VEC	vapor encroachment condition

1 Executive Summary

Dudek conducted a Phase I Environmental Site Assessment (ESA) for the Prairie Pass Project located at 12500 Cavanaugh Road in Hudson, Adams County, Colorado (subject property; see Figure 1, Subject Property Location). The subject property consists of approximately 36 acres of land located within one parcel of land (Parcel ID 156534200004).

The findings of this investigation are based on historical sources, information contained in regulatory agency databases, and a site reconnaissance.

Information gathered for this report indicated the following:

- The subject property has been vacant, tilled grassland from at least 1937 through 1975, before oil and gas exploration in 1979. The oil and gas development consisted of a small tank farm located on the western boundary of the subject property that was connected to a well in the central portion of the subject property. Pumping units were not observed in the central portion of the subject property and the well was plugged and abandoned by 2000. By 2006, the tank farm and oil well were no longer observed. A small, fenced area with two small-diameter vertical pipes was observed in the former tank farm area. A house was constructed on the northern portion of the subject property in 2018.
    - While oil and gas exploration activities would typically constitute a recognized environmental condition (REC), based on the modern drilling practices and regulations, absence of staining or denuded vegetation, removal of the tank farm, and the status of the well (plugged), this is considered to represent de minimis conditions.
- Two activity and use limitations (AULs) were identified for the subject property parcel pertaining to a Transmission and Access Easement Agreement from November 2021 and a Memorandum of Energy Storage Lease and Easement Agreement from April 2024. These records do not indicate a spill or release of hazardous materials to the environment and are, therefore, unlikely to have impacted the environmental conditions of the subject property.
- The adjoining property uses include grasslands, single-family homes, and electrical and natural gas infrastructure. The surrounding properties include a mix of vacant and tilled land and scattered rural residences.

This assessment revealed no evidence of recognized environmental conditions (RECs), controlled RECs, historical RECs, vapor encroachment conditions (VECs), or significant data gaps in connection with the subject property.

Dudek performed this Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard E2247-23. This report summarizes the research and findings of the Phase I ESA. Data gaps, which were determined not to be significant, are discussed in Section 13, Limitations.

SOURCE: ESRI Imagery

DUDEK

0 150 300 Feet

FIGURE 1

Subject Property Location

Prairie Pass Project - Phase I Environmental Site Assessment

2 Introduction

This Phase I ESA was performed according to the guidelines stipulated in ASTM Standard E2247-23, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property (ASTM 2023). This Phase I ESA was conducted on behalf of Prairie Pass LLC as part of environmental due diligence during the permitting process for the development of a renewable energy project on the subject property.

The subject property is located at 12500 Cavanaugh Road, in an unincorporated area in Adams County, Colorado (Figure 1) and consists of approximately 36 acres of land within a single parcel (Parcel ID 156534200004). The subject property is further described in Section 3, Site Location.

2.1 Assessment Procedure and Scope of Investigation

Phase I ESAs assist in identifying past and present land use, including identification of possible releases or disposal of manufacturing or other wastes if such information is contained within regulatory reports or files and/or is currently visible on site. The assessment reviews local, county, state, and U.S. Environmental Protection Agency (EPA) lists of known or potentially hazardous waste sites, landfills, and locations currently under investigation for environmental violations that may be of concern to a site.

The scope of this environmental investigation consisted of (1) a reconnaissance of the subject property; (2) a search of regulatory agency records; (3) a review of available historical aerial photographs, topographic maps, Sanborn fire insurance maps, city directory listings, and building department records; (4) an interview with the subject property owner and the user of this report; (5) an evaluation of the potential for vapor intrusion risk; (6) an environmental lien search; and (7) preparation of this Phase I ESA report detailing the findings of the investigation.

These activities were conducted to identify RECs. The term “recognized environmental condition” means the presence or likely presence of any hazardous substances or petroleum products in, on, or at the subject property due to a release, likely release, past release, or material threat of a future release to the environment.

The term “controlled recognized environmental condition” (controlled REC) is an environmental condition that would have been considered a REC in the past but has been remediated and received risk-based closure by a regulatory agency (i.e., No Further Action letter) where residual contamination remains in place. Furthermore, the term “controlled REC” is used if the property is subject to a control or use restriction (i.e., property use restrictions, AULs, institutional controls, or engineering controls) due to residual on-site contamination.

The term “historical recognized environmental condition” (historical REC) is an environmental condition that would have been considered a REC in the past but has been remediated and received unrestricted residential use closure by the regulatory agency. Therefore, no controls or use restrictions have been applied to the property.

The term REC is not intended to include de minimis conditions. De minimis conditions are conditions that generally do not present a material risk of harm to public health or the environment, and thus would not be the subject of an enforcement action if brought to the attention of governmental agencies.

2.2 Qualifications of Environmental Professionals

This Phase I ESA was prepared by Susan Smith, geologist; Stephanie Chao, environmental engineer; and Kristen Amicarelle, compliance specialist. Qualifications for Ms. Smith, Ms. Chao, and Ms. Amicarelle are presented in Appendix A. The following statement is made by the environmental professional, Susan Smith:

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in Section 312.10 of Title 40 of the Code of Federal Regulations, Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in Title 40 of the Code of Federal Regulations, Part 312.

3 Site Location

The subject property is approximately 10.4 miles southeast of the City of Hudson in Adams County, Colorado. The subject property is located adjoining to the east of County Road 27, also known as Cavanaugh Road, and is also adjoining to the northeast of East 124th Avenue. The subject property consists of approximately 36 acres of land within a single parcel (Parcel ID 156534200004). The subject property currently consists of predominantly vacant grassland, a rural residence in the northern region, transmission lines, and empty livestock areas. The subject property location and boundary are shown on Figure 1 and subject property features are shown on Figure 2 (see Figure 2, Subject Property Features).

The subject property is adjoined by a substation to the south, and by a mix of vacant and tilled land and rural residences to the east, north, and west.

The surrounding properties consist of scattered rural residences and a mix of vacant and tilled land.

SOURCE: ESRI Imagery

DUDEK

0 145 290 Feet

FIGURE 2

Subject Property Features

Prairie Pass Project - Phase I Environmental Site Assessment

4 Environmental Setting

4.1 Topography and Geology

The subject property is in Adams County, approximately 10.4 miles southeast of the City of Hudson. The subject property is adjoining to the northeast of the Cavanaugh Road and East 124th Avenue intersection, which is approximately 6.7 miles west of the Colorado Highway 79.

General topographic information for the subject property and the surrounding area was obtained from a review of topographic maps (Appendix B), the Environmental Data Resources (EDR) Radius Map Report (Appendix C), and a site visit. The subject property has a very slight downward topographic gradient to the southwest with an average elevation of 5,261 feet above mean sea level.

No subsurface geologic investigations were performed as part of this Phase I ESA. According to the EDR Radius Map Report (Appendix C), the subject property is underlain by Adena and Wiley loams, which are characterized as soils with moderately fine or fine textures and that are well drained with slow infiltration rates.

4.2 Groundwater

Based on sources searched by EDR, 44 water wells were mapped within 1 mile of the subject property. The static water level for a well located on the northern region of the subject property was reportedly 130 feet below ground surface. Dudek also reviewed the Colorado Division of Water Resources Map Viewer to obtain information about nearby wells. A water well located approximately 941 feet north of the subject property had a reported depth to groundwater of 180 feet below ground surface when measured in November 2017 (CODWR 2025). As documented during the site reconnaissance, one groundwater well was observed on the northern portion of the subject property (see Section 7, Site Reconnaissance).

4.3 Agricultural Use

The subject property consists of predominantly vacant and tilled land and a rural residence. Pesticides and herbicides used prior to 1990 were likely to contain organochlorinated compounds, such as chlordane, DDT, and DDE, or metals, such as arsenic. The chemicals of concern associated with these compounds are accumulative and persistent in shallow soils. Therefore, the longer a property is used for agricultural purposes, the more likely there is an accumulation of these chemicals of concern. The subject property has been tilled grassland since as early as 1937; evidence of irrigation lines was observed during the site reconnaissance along the subject property boundary for tree growing. No evidence of pesticides or herbicides was observed during the site reconnaissance or as part of the records search for the subject property. Additionally, in an ESA from 2024 for the subject property, the subject property owner stated that pesticides and herbicides were not used on the subject property. Considering the site reconnaissance observations, the records search results, the previous statement from the subject property owner, and the proposed property use (renewable energy), it is unlikely that pesticide- and herbicide-related compounds would be found at concentrations above risk-based levels. As such, agricultural use is not considered to represent a REC.

5 Public Agency Records Search

The regulatory database search gives a listing of sites within a 1-mile radius of the subject property ("target property" is the term used by EDR) that are known to be chemical handlers or hazardous waste generators or have reported releases of hazardous substances or petroleum products. Information in these listings includes the location of the site relative to the subject property, the type of potential environmental concern present, and the status of the site. On November 21, 2025, EDR provided the database search for this Phase I ESA.

Table 1 summarizes the databases that were searched that provide information on hazardous materials and petroleum products on the subject property. The table also indicates the search distances from the subject property and the number of sites identified in each database. The comprehensive list of databases is included in the EDR Radius Map Report (Appendix C).

Table 1. Regulatory Database Search Summary

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
NPL	National Priorities List (including proposed NPL sites and NPL Liens [target property only])	1 mile	No	0
Proposed NPL	Sites proposed for NPL	1 mile	No	0
NPL LIENS	Federal Superfund Liens	1 mile	No	0
Delisted NPL	National Priority List Deletions	1 mile	No	0
CERCLIS – Federal Facility	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) with U.S. Environmental Protection Agency Federal Restoration and Reuse Office involvement	0.5 miles	No	0
CERCLIS – SEMS	CERCLA Superfund Enterprise Management System	0.5 miles	No	0
CERCLIS NFRAP (SEMS ARCHIVE)	CERCLA Superfund Enterprise Management System Archive	0.5 miles	No	0
CORRACTS	Resource Conservation and Recovery Act (RCRA) Corrective Action	1 mile	No	0
RCRA TSDF	RCRA - Transportation, Storage, and Disposal Facilities	0.5 miles	No	0
RCRA-LQG	RCRA Large Quantity Generators	0.25 miles	No	0
RCRA-SQG	RCRA Small Quantity Generators	0.25 miles	No	0
RCRA-VSQG	RCRA Very Small Quantity Generators	0.25 miles	No	0
ERNS	Emergency Response Notification System	Target property	No	0
LUCIS	Institutional Control/Engineering Control	0.5 miles	No	0
US/OR ENG CONTROLS	Sites with Engineering Controls	0.5 miles	No	0
US/OR INST CONTROLS	Sites with Institutional Controls	0.5 miles	No	0

Table 1. Regulatory Database Search Summary

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
SWF/LF	State and Tribal Landfill and/or Solid Waste Disposal Site	0.5 miles	No	0
SHWF	State and Tribal Solid Waste Information System Listing	0.5 miles	No	0
LAST	State Leaking Aboveground Storage Tank	0.5 miles	No	0
LTANKS	State and Tribal Petroleum Release Events Listing	0.5 miles	No	0
LUST	State Leaking Underground Storage Tank	0.5 miles	No	0
Indian LUST	Tribal Leaking Underground Storage Tank	0.5 miles	No	0
LUST TRUST	State and Tribal LUST Trust Site	0.5 miles	No	0
AST	State and Tribal Registered Aboveground Storage Tank	0.25 miles	No	0
UST	State and Tribal Registered Underground Storage Tank	0.25 miles	No	0
Indian UST	Registered Underground Storage Tank on Tribal Land	0.25 miles	No	0
FEMA UST	FEMA-Owned Registered Storage Tank	0.25 miles	No	0
AUL	State and Tribal Environmental Real Covenants List	0.5 miles	No	0
Indian VCP	Voluntary Cleanup on Tribal Land	0.5 miles	No	0
VCP	State and Tribal Voluntary Cleanup	0.5 miles	No	0
Brownfields	State and Tribal Brownfields	0.5 miles	No	0
Additional Environmental Records, including local lists		*Varies*	*No*	*2*

Note: The search distances in the Environmental Data Resources (EDR) report and listed in this table are equal to or greater than the search distances required by ASTM Standard E2247-23.

5.1 Subject Property

EDR did not identify listings for the subject property.

5.2 Adjoining Properties

EDR identified two listings for adjoining properties.

HRM Resources II, LLC – Wailes 41-33 #1X was identified at "Denver 3.4 mi. N of, CO" on the northwestern-adjoining property. The site was listed in the PFAS ECHO database as a site that may have handled per- and polyfluoroalkyl substances (PFAS). The site was identified as inactive oil and gas site with no noted violations; no information confirming or refuting the presence or use of PFAS was provided. This database listing does not indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

US Exploration Wailes 1X 41-33 was identified at the latitude/longitude coordinates "39.925076, -104.548927" on the northwestern-adjoining property approximately 0.19 miles northwest of the subject property. The site was listed in the PFAS ECHO database as a site that may have handled PFAS. The site was identified as an inactive oil and gas site with no noted violations; no information confirming or refuting the presence or use of PFAS was provided. This database listing does not indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

5.3 Nearby Properties

EDR did not identify any additional sites within 1 mile of the subject property.

5.4 Unmapped Sites

Unmapped sites are flagged by EDR, but not mapped due to insufficient address information. They are usually included in the database search report because they are in the same zip code as the subject property. The EDR Radius Map Report did not identify any unmapped sites.

6 Interviews

6.1 Site Representative Interview

A site background questionnaire was sent to the user of this report for dissemination to the subject property owner. A response was received on November 24, 2025, with responses from the owner of the subject property, Ryan Specht. A copy of the questionnaire is presented in Appendix D. Below is the summary of responses to the questionnaire.

- Mr. Specht purchased the subject property in 2017.
- Mr. Specht stated that the subject property is used as a ranch and barn and has been used as such for 6 years; the barn was constructed in 2018.
- Mr. Specht stated that the subject property was previously used for crop farming.
- The previous owner of the subject property was the granddaughter of the original owner.
- Mr. Specht was not aware of industrial use on the subject property or adjoining properties.
- Mr. Specht was not aware of hazardous substances storage or spills on the subject property.
- A natural gas line is located approximately 150 feet south of the subject property.
- The subject property is served by a private well or non-public water source.
- A septic tank and transformer/capacitor exist on the subject property. The transformer/capacitor was installed in 2018 and is not known to contain polychlorinated biphenyls (PCBs).
- Mr. Specht was unaware of any cleanups, previous violations, litigations, or other environmental studies conducted on the subject property.

6.2 User-Provided Information

In accordance with ASTM E2247-23, to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the tasks outlined in Sections 6.2 through 6.8 of ASTM E2247-23 must be completed, including a search for environmental liens and AULs. To facilitate this requirement, Dudek sent the following questions to the user of this report. Answers to these questions fulfill the requirement of Sections 6.2 through 6.8 of the ASTM standard. As of the date of this report, Dudek has not received responses from the user of this report. This represents a data gap and is further discussed in Section 13.1, Data Gaps and Data Failures.

1. **Question:** Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?
2. **Question:** Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
3. **Question:** As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

4. **Question:** Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
5. **Question:** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? (a) Do you know the past uses of the property, (b) do you know of specific chemicals that are present or once were present at the property, (c) do you know of spills or other chemical releases that have taken place at the property, or (d) do you know of any environmental cleanups that have taken place at the property?
6. **Question:** As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

6.3 Local Agency Records

6.3.1 State of Colorado

6.3.1.1 Colorado Department of Public Health and Environment

Dudek contacted the Colorado Department of Public Health and Environment on November 25, 2025, to obtain records pertaining to hazardous materials and chemicals, underground storage tanks/aboveground storage tanks, or releases/investigations associated with the subject property. A response was received on November 25, 2025, that no records were identified for the subject property address (Appendix E).

6.3.1.2 Colorado Department of Public Health and Environment – Division of Oil and Public Safety

Dudek searched the Colorado Division of Oil and Public Safety's Colorado Storage Tank Information System (COSTIS 2025) and Petroleum Program Map (COOPS 2025) on November 24, 2025, to obtain information pertaining to storage tanks and/or releases associated with the subject property. The Colorado Storage Tank Information System database did not identify any records associated with the subject property address or parcel ID. The Colorado Division of Oil and Public Safety map identified a well permit for a domestic/stock well on the north-central region of the subject property that was issued in November 2017 (Appendix E). Neither of these database searches identified records that would indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

6.3.1.3 Colorado Department of Natural Resources – Energy and Carbon Management Commission

Dudek searched the Colorado Energy and Carbon Management Commission's (ECMC) Interactive Map (ECMC 2025a) on November 24, 2025, to obtain information pertaining to wells associated with the subject property. The ECMC Interactive Map identified one well located on the subject property toward the center of the subject property; the well was drilled in 1979 and was subsequently plugged and abandoned in October 2000 (Appendix E). No evidence of pits or sumps associated with the oil well was observed on aerial photographs (see Section 8, Site History).

The Colorado GIS Inspection and Incident Inquiry database (ECMC 2025b) was searched on December 2, 2025, to obtain additional information on wells associated with the subject property. The most recent well inspection report from August 2002 was deemed satisfactory with no violations (Appendix E). A notice of alleged violation was identified from January 2000 that reported the well was shut-in and had not produced since December 1997 and was required to be put in production, pass a mechanical integrity test, or be plugged and abandoned within 6 months. The violation case was considered closed as of November 2000 (Appendix E).

6.3.1.4 Colorado Department of Public Health and Environment – PFAS Map Series

Per- and polyfluoroalkyl substances (PFAS) constitute a large family of fluorinated chemicals (exceeding several thousand compounds) that vary widely in their chemical and physical properties. They have been used for commercial and industrial purposes and as a result have been found in the environment (i.e., water, soil, and air). The persistence and mobility of some PFAS, combined with decades of widespread use in industrial processes, certain types of firefighting foams, and consumer products, have resulted in their presence in the environment at trace levels across the globe (ITRC 2023).

In April 2024, EPA finalized National Primary Drinking Water Regulations for six PFAS chemicals, including perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), perfluorononanoic acid (PFNA), perfluorohexanesulfonic acid (PFHxS), hexafluoropropylene oxide-dimer acid (HFPO-DA), and mixtures of two or more of PFHxS, PFNA, HFPO-DA, and perfluorobutanesulfonic acid (PFBS). EPA set maximum contaminant levels for these six chemicals (or chemical mixtures), which are enforceable health-based limits, and a hazard index (ratio of water sample concentration to health-based water concentration) for mixtures of two or more of PFHxS, PFNA, HFPO-DA, and PFBS (EPA 2025a). Additionally, under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), PFOA, PFOS, and their salts and structural isomers were designated hazardous substances by EPA (EPA 2025a). EPA also established Regional Screening Levels for PFOA and PFOS in soil (EPA 2025a). As such, the presence of PFOA, PFOS, PFNA, PFHxS, and/or HFPO-DA, in any combination above their maximum contaminant levels and/or reportable quantities, could be identified as a REC under ASTM E2247-23.

Dudek searched the Colorado Department of Public Health and Environment PFAS Map Series, which is a collection of three interactive maps with PFAS sampling data from across the state (CDPHE 2025). One sampling site was identified 0.30 miles southeast of the subject property. The sampling site is known as SP-BC and is managed by the City of Thornton; samples were collected from surface water in the South Platte River. The samples contained detections for PFAS, including PFOS, PFOA, PFHxS, PFNA, and PFBS, above the maximum contaminant level. Two additional sampling points were identified at a site approximately 0.50 miles northeast of the subject property that also contained detections of PFAS, including PFOS, PFOA, PFHxS, PFNA, and PFBS, above the maximum contaminant level in groundwater.

Based on review of PFAS maps, there are no records to indicate that PFAS is a REC to the subject property. However, research and studies indicate that PFAS is present in most environments; thus, it is possible that it is present on or near the subject property.

6.3.2 Adams County

6.3.2.1 E-Permit Center

Dudek searched the Adams County Online Portal E-Permit Center on November 26, 2025, to obtain information pertaining to building permits, land use, infrastructure permits, and enforcement records associated with the subject property (Adams County 2025a). Two building permits were identified for the subject property address. One permit from 2017 was for a residential 42-foot by 90-foot building with water, power, and a septic system. The other record was for a cancelled building permit from 2018 for a stove and vent set. A land use record for a closed conceptual review was identified at the subject property address for the Prairie Pass Energy Storage Project Concept Conceptual Review Meeting. The meeting was to discuss the development concept of a battery energy storage system at the subject property address. Two infrastructure permits were identified for the subject property address: one from November 2017 for a utility powerline trench and road bore, and one from December 2017 for culvert access that determined that no culvert was required for the subject property. No enforcement records were identified for the subject property address (Appendix E).

6.3.2.2 GIS Property Search – GIS Open Data Site

Dudek searched the Adams County GIS Interactive Maps – Advanced Maps online database on November 26, 2025, to obtain property information associated with the subject property (Adams County 2025b). The subject property zoning designation was identified as "A-3," which is for agricultural zoning. Two building permits from 2017 and 2018, a land use record, and two infrastructure permits from 2017 were identified for the subject property that were also previously discussed in Section 6.3.2.1. No other records were identified for the subject property.

6.3.2.3 Colorado Open Records Act Department

Dudek contacted the Adams County Colorado Open Records Act Department on November 26, 2025, to obtain additional property information pertaining to building permits and records, hazardous materials and chemicals, underground storage tanks and aboveground storage tanks, agricultural uses, and releases or investigations associated with the subject property.

A response was received on December 1, 2025, that identified multiple records associated with the subject property. Records identified for the subject property included a December 2017 review of comments for the construction of a 42-foot by 90-foot steel building with water, power, and a septic system, and an undated document that identified a plugged and abandoned oil and gas well on the subject property parcel (Appendix E). None of these records identified indicates a spill or release of hazardous materials to the environment; therefore, it is unlikely that these records impacted the environmental conditions of the subject property.

An additional response from the Adams County Health Department was received on December 2, 2025, which identified additional records associated with the subject property (Appendix E). As of the date of this report, the additional records have not been released and are pending release approval.

6.3.3 National Pipeline Mapping System

Dudek searched the National Pipeline Mapping System online database, which provides a public map viewer application that displays data related to gas transmission and hazardous liquid pipelines, liquefied natural gas plants, and breakout tanks under Department of Transportation Pipeline and Hazardous Material Safety Administration jurisdiction (DOT 2025). One active hazardous liquid pipeline filled with "other highly volatile liquids" was identified approximately 0.25 miles southeast of the subject property. Another active hazardous liquid pipeline filled with crude oil was identified approximately 0.76 miles east of the subject property. No gas transmission pipelines, accidents, or incidents were identified on or within 1 mile of the subject property (Appendix E).

7 Site Reconnaissance

A site reconnaissance was conducted on November 25, 2025, by Kristen Amicarelle of Dudek. The site reconnaissance consisted of walking the subject property, taking notes on observations, and taking photographs. Photographs are presented in Appendix F.

7.1 Description of Subject Property and Surroundings

The subject property consists of approximately 36 acres of land on one privately owned parcel, approximately 5 miles northeast of Denver International Airport at the intersection of County Road 27 and East 124th Avenue in unincorporated Adams County, Colorado. At the time of the site reconnaissance, the subject property consisted of grassland, transmission lines, a single-family home, and livestock areas, though no animals were present during the site reconnaissance (Photographs 1 through 7). A dirt road extends from County Road 27 into the northern section of the property to access the single-family home. Meandering transects were walked throughout the property, with a focus on oil and gas well locations, livestock areas, electrical utilities, and infrastructure around the single-family home (Photographs 1 through 37). Adjacent uses to the subject property include grasslands, single-family homes, and electrical and natural gas infrastructure.

Items and areas of interest noted during the site reconnaissance are described in Section 7.2, Summary of Observations.

7.2 Summary of Observations

Potable Water Supply or Source

A potable water tank was noted on the eastern side of the single-family home. Portable water tanks were also observed elsewhere: one along the fence line and another adjacent to a storage facility. Irrigation infrastructure for growing trees was noted along the subject property boundaries (Photographs 8 through 10).

Sewage Disposal System

No sewage disposal systems were noted in the subject property.

Surface Water Discharge

No surface water discharge was observed during the site visit.

Distressed Vegetation

No distressed vegetation was observed on the subject property.

Indications of Solid Debris Storage

Multiple storage containers were noted east of the single-family home, including areas of solid debris piles that were scattered throughout the northern section of the subject property (Photographs 11 through 16).

Surface Staining, Corrosion, and Soil Disturbances

A man-made backstop berm for a recreational shooting range was documented in the southeastern section of the subject property. A white crust and discolored soil (de minimis) was documented behind the berm area in proximity to scattered Polyol and Isocyanate containers (Photographs 19 through 21).

Hazardous Material and Petroleum Product Use and Storage

Empty engine oil and gasoline containers were noted near one of the storage facilities northeast of the single-family home. In addition, multiple hazardous material containers were noted in the southern section of the subject property and were scattered around irrigation lines. The containers noted were Polyol and Isocyanate, but no residues of gases or foams were noted at the time of the site reconnaissance (Photographs 17 through 23).

An electrical transmission box and meter were noted northwest of the single-family home, with buried electrical cable paint markings and flagging documented along the northern perimeter of the subject property near the transmission box area (Photographs 24 and 25).

Two plugged and abandoned oil and gas wells were located on the western boundary of the project site. Those wells were not mapped by ECMC; however, one plugged and abandoned well was mapped in the center of the subject property. The area around the mapped well was investigated, but no evidence of a well was noted in this location (see Photographs 26 through 28).

Fiber optic cable lines were also documented outside of the subject property along the western boundary and adjacent to County Road 27 (Photographs 29 and 30).

Unnaturally Discolored Ponds or Flowing Waters

No unnaturally discolored ponds or flowing water were observed on the subject property.

Groundwater Wells, Cisterns, Cesspools, or Septic Tanks

One groundwater well was observed in the northwestern portion of the subject property. A septic tank was noted in the northwestern section of the subject property, including potential groundwater well risers (Photographs 31 through 35).

Polychlorinated Biphenyl-Containing Items

Prior to 1978, polychlorinated biphenyls (PCBs) were often used in transformers and capacitors, specifically in cooling oils. PCBs were also used in hydraulic oils. Releases from these types of equipment may have resulted in PCB impacts to surrounding soils. The age of existing equipment may not necessarily indicate the presence of PCBs, because the equipment may have been replaced over time. As such, site history was also reviewed (see Section 8).

No evidence of PCB-containing materials was observed during the site reconnaissance.

Sumps or Ponds

No sumps or ponds were observed on the subject property.

Abnormal Odor

Empty gasoline and engine oil containers were found near a storage facility on the eastern side of the property; a faint gasoline scent was noted from the gas containers during wind gusts (Photograph 18). No other abnormal odors were noted during the site reconnaissance.

Tanks, Drums, Totes, and Intermediate Bulk Containers

Water tanks were noted on the eastern side of the single-family home (Photographs 8 and 9). No other tanks, drums, totes, and bulk containers were noted in the subject property.

Off-Site Sources

No potential sources for off-site contamination were observed during the site visit.

Fill Material

No evidence of fill material was observed during the site reconnaissance.

Unidentified Substance Containers

No instances of unidentified substance containers were observed on the subject property.

Pipelines

An underground natural gas pipeline corridor was observed in the southern section of the subject property with the terminal located outside of the subject property boundary, across County Road 27 (Photographs 36 and 37).

8 Site History

Based on a review of historical aerial photographs, historical topographic maps, agency records, and the city directory report, the subject property has been developed. The subject property was vacant and tilled land as early as 1937. By 1979, a small tank farm was observed on the western edge of the subject property; a dirt road also was observed extending east from the tank farm to a small, cleared area in the center of the subject property. The subject property remained unchanged until the size of the tank farm was reduced after 1999. A rural residence was constructed on the northern region of the subject property sometime around 2018, while the southern regions of the subject property remained vacant land.

There are gaps in site history between 1890 and 1937, 1937 and 1949, 1953 and 1963, 1963 and 1970, 1975 and 1984, 1984 and 1993, and 1999 and 2006. This constitutes a data failure and is discussed further in Section 13.

Adjoining and surrounding property uses have included a mix of roadways, vacant and tilled land, and rural residences since 1937 to the present. A substation was observed on the southern-adjoining property since at least 2006 to the present.

8.1 Historical Aerial Photographs

Dudek reviewed historical aerial photographs obtained from EDR for 1937, 1949, 1953, 1963, 1970, 1975, 1984, 1993, 1994, 1999, 2006, 2011, 2015, 2019, and 2023 (Appendix G). The photographs provided background information to assess the possibility of past activities that could present environmental concerns. The aerial photographs are described in Table 2.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
1937	The subject property is observed as vacant and tilled land. A southwest–northeast-trending wash is observed intersecting the central region of the subject property. A northwest–southeast-trending intermittent stream is observed in the southwestern corner of the subject property.	The northern-, eastern-, and southwestern-adjoining areas are observed as vacant and tilled land. A north–south-trending road adjoins to the west of the subject property where present-day Cavanaugh Road can be found. Multiple washes and intermittent streams are depicted in the northeastern-, southern-, and western-adjoining areas. The western- and southern-adjoining areas are depicted as vacant and undeveloped land. An apparent rural residence is observed approximately 0.25 miles northeast of the subject property. The rest of the surrounding areas are observed as a mix of vacant and undeveloped, and vacant and tilled land.
1949	The western and southern regions of the subject property are not visible in the 1949 aerial photograph. The northeastern corner of the subject property appears similar to the 1937 aerial photograph.	The western and southern adjoining and surrounding areas are not visible in the 1949 aerial photograph. The northern- and eastern-adjoining areas appear similar to the 1937 aerial photograph. The northern, eastern, and northeastern surrounding areas appear similar to the 1937 aerial photograph.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
1953	The subject property appears similar to the visible portions of the 1937 and 1949 aerial photographs.	The adjoining and surrounding areas appear similar to the visible portions of the 1937 and 1949 aerial photographs.
1963	The subject property appears similar to the 1953 aerial photograph.	The western-adjoining, and northern, northeastern, western, and southwestern surrounding areas are obscured/not clearly visible. The northern-, southern-, and eastern-adjoining areas appear similar to the 1953 aerial photograph. The visible portions of the surrounding areas appear similar to the 1953 aerial photograph.
1970	The soils on the northwestern region of the subject property appear to be disturbed. The rest of the subject property appears similar to the 1963 aerial photograph.	A portion of the northern-adjoining area has observed surface soils that have been disturbed. The rest of the adjoining areas appear similar to the visible portions of the 1953 and 1963 aerial photographs. The surrounding areas appear similar to the visible portions of the 1953 and 1963 aerial photographs.
1975	The previously observed surface soil disturbance is no longer observed. The rest of the subject property appears similar to the 1970 aerial photograph.	The adjoining and surrounding areas appear similar to the 1970 aerial photograph.
1984	A small tank farm is observed along the western boundary of the subject property. A dirt road extends from the tank farm area to a small, cleared area in the central portion of the subject property. The rest of the subject property appears similar to the 1975 aerial photograph.	An oil derrick and a small tank farm are observed adjoining to the northwest of the subject property, on the west side of Cavanaugh Road. Rural development is observed in the northern and southern surrounding areas. The rest of the adjoining and surrounding areas appear similar to the 1975 aerial photograph.
1993	The subject property appears similar to the 1984 aerial photograph.	An apparent well is observed in the northwestern surrounding area. Apparent power transmission lines are observed on the western- and southern-adjoining areas that extend into the western and southern surrounding areas. The rest of the adjoining and surrounding areas appear similar to the 1984 aerial photograph.
1994	The subject property appears similar to the 1993 aerial photograph.	The adjoining and surrounding areas appear similar to the 1993 aerial photograph.
1999	The subject property appears similar to the 1994 aerial photograph.	Increased rural residential development is observed in the northern surrounding areas. Disturbed surface soils are observed on the northern-adjoining area. The rest of the adjoining and surrounding areas appear similar to the 1994 aerial photograph.
2006	The tank farm previously observed on the western boundary of the subject property appears smaller. The dirt road and the cleared area in the center are no longer observed.	A substation is observed on the southern-adjoining property. An east–west-trending road is observed adjoining to the southwest of the subject property where present-day East 124th Avenue can be found. Additional rural residences are observed on the western- and northwestern-adjoining properties. The rest of the adjoining and surrounding areas appear similar to the 1999 aerial photograph.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
2011	The tanks on the western edge of the subject property are no longer present. The remainder of the subject property appears similar to the 2006 aerial photograph.	An additional structure is observed on the western-adjoining rural residence. The rest of the adjoining and surrounding areas appear similar to the 2006 aerial photograph.
2015	The subject property appears similar to the 2011 aerial photograph.	The adjoining and surrounding areas appear similar to the 2011 aerial photograph.
2019	A rural residence is observed on the northern region of the subject property. The rest of the subject property appears similar to the 2015 aerial photograph.	A rural residence is observed on the northern-adjoining property. The rest of the adjoining and surrounding areas appear similar to the 2015 aerial photograph.
2023	Multiple apparent vehicles and a small shed-like structure are observed in the northern region of the subject property, adjacent to the previously observed rural residence. The rest of the subject property appears similar to the 2019 aerial photograph.	The adjoining and surrounding properties appear similar to the 2019 aerial photograph.

Note: See Appendix G for corresponding photographs for 1937 through 2023.

8.2 Historical Topographic Maps

Dudek reviewed historical topographic maps from 1890, 1952, 2013, 2016, 2019, and 2022 (Appendix B). The topographic maps are a historical source that can be used to document the prior use of the subject property and surrounding area. The topographic maps are described in Table 3.

Table 3. Topographic Maps

Date	Subject Property	Adjoining and Surrounding Properties
1890	The subject property is depicted as vacant and undeveloped land with portions of an intermittent stream in the central and northeastern regions of the subject property.	Intermittent streams are depicted on the northern-, eastern-, and southern-adjoining areas as well as all of the greater surrounding areas. All of the adjoining and surrounding areas are depicted as vacant and undeveloped land.
1952	The subject property is depicted as vacant and undeveloped land with a portion of an intermittent stream in its southwestern corner.	The intermittent stream depicted on the subject property extends into the western and southern adjoining and surrounding areas. A north–south-trending road is depicted adjoining to the west of the subject property where present-day Cavanaugh Road can be found. A windmill is depicted in the western-adjoining area. Multiple small structures are depicted in the northeastern and northern surrounding areas. The rest of the adjoining and surrounding areas are depicted as vacant and undeveloped land.

Table 3. Topographic Maps

Date	Subject Property	Adjoining and Surrounding Properties
2013	Individual structures and site features are no longer depicted in the 2013 topographic map. The subject property is only depicted with a portion of an intermittent stream in its southwestern corner.	Individual structures and site features are no longer depicted in the 2013 topographic map. There is an intermittent stream that extends from the subject property into the western and southern adjoining and surrounding areas. The adjoining and surrounding areas are depicted with a network of roads and multiple intermittent streams.
2016	The subject property is depicted similarly to the 2013 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2013 topographic map.
2019	The subject property is depicted similarly to the 2016 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2016 topographic map.
2022	The subject property is depicted similarly to the 2019 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2019 topographic map.

Note: See Appendix B for corresponding maps.

8.3 Fire Insurance Maps

Historical Sanborn fire insurance maps were requested from EDR. Sanborn maps provide information regarding historical uses of a subject property and surrounding properties. Sanborn maps typically exist for cities with populations of 2,000 or more; the coverage is dependent on the location of the subject property within city limits. The Sanborn Map Report lists the subject property as an unmapped property; no additional information was included in the report. The Sanborn Map Report is provided in Appendix H.

8.4 City Directory

City directory listings were requested from EDR (Appendix I). The city directory search was conducted for the subject property street, Cavanaugh Road, and the adjoining street, East 128th Avenue. The property address, 12500 Cavanaugh Road, identified on the subject property was listed as personal/residential in 2022. No other listings on the subject property were identified. A listing for 12761 Cavanaugh Road, which is adjoining to the northwest of the subject property, was reported as personal/residential between 2005 and 2022. A listing for 37980 East 128th Avenue, which is adjoining to the north of the subject property, was reported as personal/residential in 2022.

8.5 Title Information/Environmental Liens

As discussed in Section 6.2, User-Provided Information, the user is required to complete a search for environmental liens and AULs to satisfy the requirements of the All-Appropriate Inquiries Rule for CERCLA liability protection. An environmental lien search, including available records from 1980 to the present, was conducted for the subject property parcel ID, 156534200004 (Appendix J).

The current legal owner of parcel 156534200004 is listed as Soaring Heights LLC. No environmental liens were identified through the parcel search (Appendix J). Two AULs were identified through the parcel search pertaining to easement agreements (Appendix J):

- A Transmission and Access Easement Agreement dated November 19, 2021, for First Party – Ryan Specht and Second Party – Innergex Renewable Development USA, LLC
- A Memorandum of Energy Storage Lease and Easement Agreement dated April 25, 2024, for First Party – Soaring Heights LLC and Second Party – Prairie Pass LLC

A summary of the title information is presented in Table 4.

Table 4. Parcel Title Information Summary for Parcel 156534200004

Grantee	Grantor	Date	Notes
Soaring Heights LLC	Leslie Hosmer, As Personal Rep of the Estate of Harold D. Hosmer, and Ladonna Stuckert, by Atty-in-Fact, Leslie Hosmer	October 2024	Quit Claim Deed
Soaring Heights LLC	Ryan Specht	November 2023	Quit Claim Deed
Ryan Specht	Ladonna Stuckert	October 2017	Warranty Deed
Lodonna Stuckert	Harold W. Hosmer Trust, Leone Hosmer Trust	June 2015	Quit Claim Deed
Lodonna Stuckert	Harold W. Hosmer Trust, Leone Hosmer Trust	May 2015	Quit Claim Deed
Harold W. Hosmer Trust (1/2 Interest), Leone Hosmer Trust (1/2 Interest)	Harold W. Hosmer	March 1992	Quit Claim Deed
Harold Hosmer, Eleanor May Hanson	Harold Hosmer and Eleanor May Hanson as Personal Representatives of the Estate of Myrtle A. Hosmer	November 1981	Deed

9 Previous Environmental Site Assessments

Phase I Environmental Site Assessment at 12500 Cavanaugh Road, Hudson, Colorado (Dudek 2024)

A Phase I ESA (included in Appendix D) was conducted in June 2024 for the subject property. No RECs were identified. The report findings included information on the subject property's history as vacant and tilled grassland, its use for oil and gas exploration, as a tank farm, and eventual use as a residence. The report also identified two AULs in connection with the subject property parcel that were not likely to have impacted the environmental conditions of the subject property (Dudek 2024).

10 Vapor Encroachment

Dudek evaluated vapor encroachment to determine whether there is a potential for vapors originating from contaminated soil and/or groundwater to occur in the subsurface below the existing and potential future on-site structures. Information obtained from other sources (geologic and hydrogeological information, site reconnaissance, local regulatory agency responses), as discussed in this report, was also considered. The VEC assessment was conducted in accordance with ASTM Standard E2600-22 (ASTM 2022). The EDR Radius Map Report (Appendix C) was used to evaluate listed contaminated sites as identified in federal, state, and local databases. A VEC assessment report is provided in Appendix K.

No sites were identified as having groundwater contamination or soil vapor contamination that could impact the subject property; as such, no VEC was identified.

11 Non-ASTM Considerations

This section discusses non-ASTM scope considerations that were included in this Phase I ESA based on conditions of the subject property. These items are not required to be evaluated per the ASTM standard but may still pose environmental health and safety risks.

Asbestos

Asbestos has been specifically designated a hazardous substance pursuant to CERCLA Section 102 (42 USC 9602), but abatement costs are generally not recoverable under CERCLA. Many building materials commonly contained asbestos until the late 1970s, and a smaller list of building materials contained asbestos in the 1980s, such as drywall, joint compounds, vinyl flooring, roofing, asbestos-cement products, and stucco. Under the Toxic Substances Control Act, EPA banned the use of asbestos in many products, with partial bans occurring in 1989 and 1993. However, a full ban of asbestos products did not occur until 2019. Therefore, if a building was constructed prior to 1989, there is a likely chance it contains asbestos. If it was constructed between 1989 and 2019, it is less likely asbestos is present, but there is still a chance that asbestos was used.

A rural residential home has been on the subject property since it was constructed in 2018. Since the structure was constructed following 1989, it is unlikely that asbestos is of concern for the subject property.

Lead-Based Paint

Paint manufacturers frequently used lead as a primary paint ingredient through the 1940s, and gradually decreased its use in the 1950s and 1960s. The federal department of Housing and Urban Development estimates 75% of homes built in the United States before 1978 contain some lead-based paint (HUD 1996). The Consumer Product Safety Commission prohibited the use of lead-based paints in residential buildings in 1978 (EPA 2025b), but the use of lead-based paints in commercial and industrial buildings is not prohibited. Commercial, industrial, and military structures may have lead-based paint in surface coatings, regardless of construction date.

A rural residential home has been on the subject property since it was constructed in 2018. Since the structure was constructed following 1979, it is unlikely that lead-based paint is of concern for the subject property.

Radon

Radon is a radioactive gas that is produced from the natural decay of uranium, radium, and thorium in soil, rock, and groundwater (WHO 2023). When radon becomes trapped in buildings and concentrations accumulate, exposure to radon can be a concern. The Federal Radon Action Level is 4 picocuries per liter (pCi/L) (EPA n.d.a).

The EDR Radius Map Report presents radon test results for the vicinity of the subject property. One site within Adams County was evaluated. The radon concentration at this site averaged 3.300 pCi/L in the basement area. The EPA Radon Zone for Adams County is 1 (EPA n.d.b), which corresponds with indoor average expected radon levels of greater than 4 pCi/L.

12 Findings and Conclusions

Information gathered for this report indicated the following:

- The subject property has been vacant, tilled grassland from at least 1937 through 1975, before oil and gas exploration in 1979. The oil and gas development consisted of a small tank farm located on the western boundary of the subject property that was connected to a well in the central portion of the subject property. Pumping units were not observed in the central portion of the subject property and the well was plugged and abandoned by 2000. By 2006, the tank farm and oil well were no longer observed. A small, fenced area with two small-diameter vertical pipes was observed in the former tank farm area. A house was constructed on the northern portion of the subject property in 2018.
    - While oil and gas exploration activities would typically constitute a REC, based on the modern drilling practices and regulations, absence of staining or denuded vegetation, removal of the tank farm, and the status of the well (plugged), this is considered to represent de minimis conditions.
- Two AULs were identified for the subject property parcel pertaining to a Transmission and Access Easement Agreement from November 2021 and a Memorandum of Energy Storage Lease and Easement Agreement from April 2024. These records do not indicate a spill or release of hazardous materials to the environment and are, therefore, unlikely to have impacted the environmental conditions of the subject property.
- The adjoining property uses include grasslands, single-family homes, and electrical and natural gas infrastructure. The surrounding properties include a mix of vacant and tilled land and scattered rural residences.

This assessment revealed no evidence of RECs, controlled RECs, historical RECs, VECs, or significant data gaps in connection with the subject property.

Dudek performed this Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard E2247-23. This report summarizes the research and findings of the Phase I ESA. Data gaps, which were determined not to be significant, are discussed in Section 13.

13 Limitations

13.1 Data Gaps and Data Failures

As defined in ASTM Standard E2247-23, a data failure is a failure to achieve the historical research objective required by the ASTM standard even after reviewing the standard historical resources that are reasonably ascertainable and likely to be useful. A data failure is a type of data gap.

The following data failure was identified for this Phase I ESA:

- Historical resources were not available between 1890 and 1937, 1937 and 1949, 1953 and 1963, 1963 and 1970, 1975 and 1984, 1984 and 1993, and 1999 and 2006, which is greater than the 5-year interval required by the ASTM standard. This constitutes a data failure.

As defined in ASTM Standard E2247-23, a data gap is the lack of or inability to obtain information required by this practice despite good faith efforts. A data gap is considered significant when it affects the ability of the environmental professional to identify RECs.

The following data gaps were identified during preparation of this Phase I ESA:

- Gaps greater than the 5-year interval required by the ASTM standard were identified in historical resources. Based on the site history, available historical and regulatory information, and present-day use, this data gap does not limit the ability to determine RECs and is therefore considered less than significant.
- Responses to the user questionnaire were not received. Based on the available historical and regulatory information, this data gap does not limit the ability to determine RECs and is therefore considered less than significant. However, the lack of response may affect the user's ability to quality for certain liability protections under CERCLA (see Section 6.2). Two small-diameter vertical pipes were observed on the western boundary of the subject property. These wells were previously described as plugged oil wells but no evidence was identified on the ECMC database (ECMC 2025a). These pipes were located in the vicinity of the former tank farm and no staining or denuded vegetation was observed. No evidence of former oil and gas wells in this location was observed on the historical aerial photographs. Based on the available historical and regulatory information, this data gap does not limit the ability to determine RECs and is therefore considered less than significant.
- Dudek has not received additional responsive records from the Adams County Colorado Open Records Act Department. Based on the site history, available historical and regulatory information, and present-day use, this data gap does not limit the ability to identify RECs and is therefore considered less than significant.

Should Dudek receive information following submission of this Phase I ESA report that resolves the data gaps and changes the findings of the Phase I ESA report, Dudek will submit the findings to the user in an addendum.

13.2 Report Limitations

The findings and conclusions presented in this report are professional opinions based solely on the indicated data described in this report, visual observations of the subject property and vicinity, and our interpretation of the available historical information and documents reviewed. Dudek makes no warranty as to the accuracy of statements made by others or the accuracy of information included in documentation reviewed in connection with this study. This study was not intended to be a definitive investigation of potential contamination at the subject property, and the recommendations do not necessarily include all conditions that may be present. It is possible that conditions or contamination exist at the subject property that have not been previously identified or that are not identified in this Phase I ESA.

No warranties or guarantees or representations, expressed or implied, are made by Dudek, except for the representation that this report has been prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professionals performing the same or similar services in the same or similar locality. The conclusions are intended exclusively for the purpose outlined herein and may not be suitable for, or relied upon, by others, and any use of this document is at the sole risk of said user.

In accordance with ASTM Standard E2247-23, this Phase I ESA is valid for 180 days. After 180 days, this report, or the information presented in this report, is no longer valid and must be updated or revised, as appropriate.

14 References

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Appendix A

Qualifications of Environmental Professionals

Environmental Professional	Professional License	Degree(s)	Years' Relevant Experience	Task Performed
Susan Smith	Professional Geologist, State of California	BS, Geological Sciences, California State University Fullerton	22	Report Review, QA/QC
Stephanie Chao	—	BS, Environmental Engineering, San Diego State University	4	Report Preparation
Kristen Amicarelle	—	BS, Biology, University of Central Florida	2	Site Reconnaissance

Appendix B
Historical Topographic Maps

12500 CAVANAUGH RD

12500 CAVANAUGH RD

HUDSON, CO 80642

Inquiry Number: 8181129.4

November 21, 2025

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/21/25

Site Name:	Client Name:
12500 CAVANAUGH RD	DUDEK
12500 CAVANAUGH RD	605 Third Street
HUDSON, CO 80642	Encinitas, CA 92024
EDR Inquiry # 8181129.4	Contact: Susie Smith

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by DUDEK were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	12995.28	**Latitude:**	39.921961 39° 55' 19" North
Project:	Prairie Pass	**Longitude:**	-104.543403 -104° 32' 36" West
		UTM Zone:	Zone 13 North
		UTM X Meters:	539019.39
		UTM Y Meters:	4419195.49
		Elevation:	5260.64' above sea level

Maps Provided:

2022
2019
2016
2013
1952
1890

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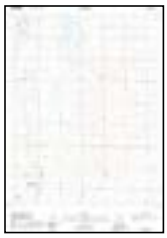
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



Horse Creek
2022
7.5-minute, 24000

2019 Source Sheets

Horse Creek
2019
7.5-minute, 24000

2016 Source Sheets

Horse Creek
2016
7.5-minute, 24000

2013 Source Sheets

Horse Creek
2013
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1952 Source Sheets

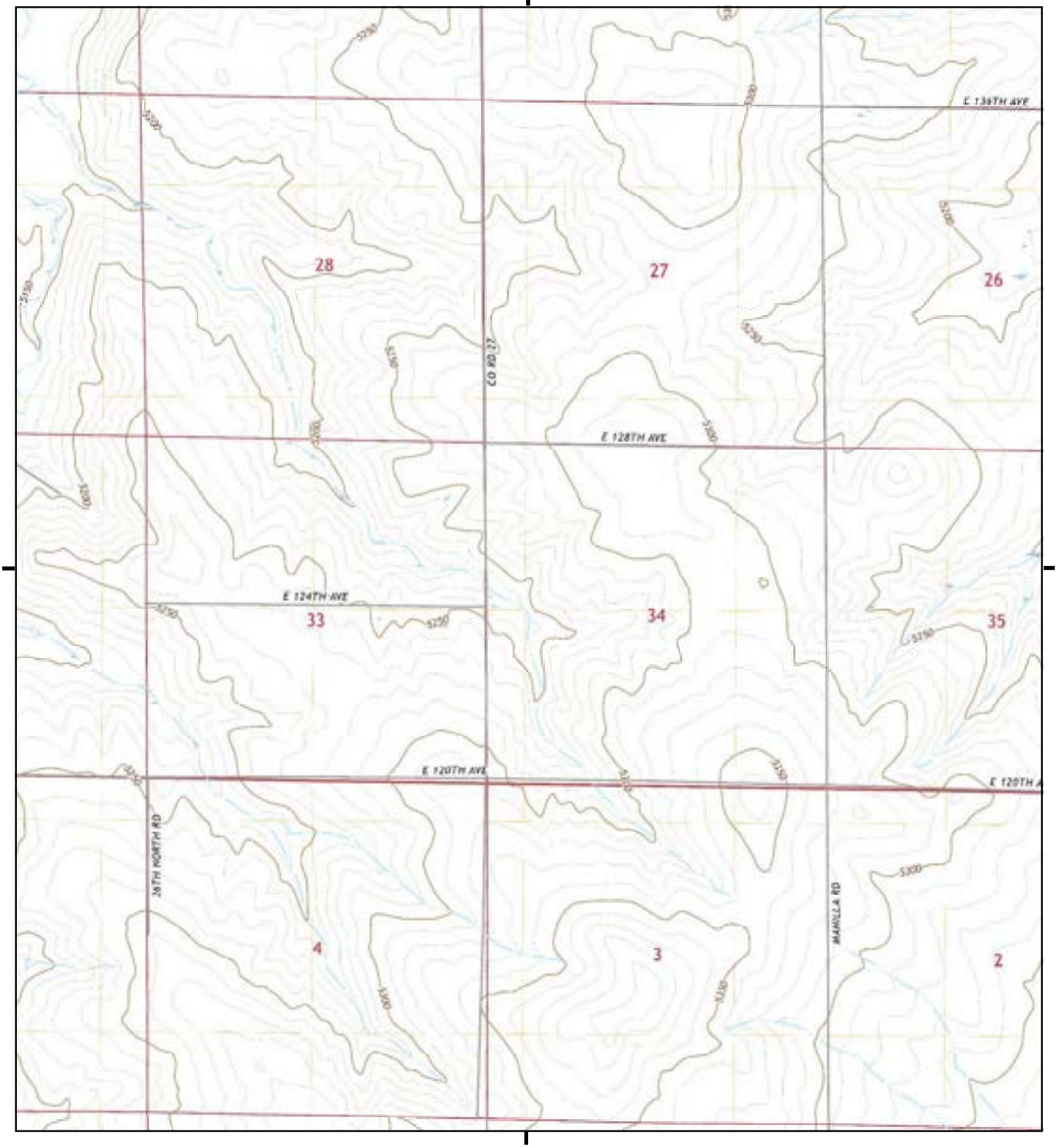
Horse Creek
1952
7.5-minute, 24000
Aerial Photo Revised 1948

1890 Source Sheets

East Denver
1890
30-minute, 125000

Historical Topo Map

2022



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

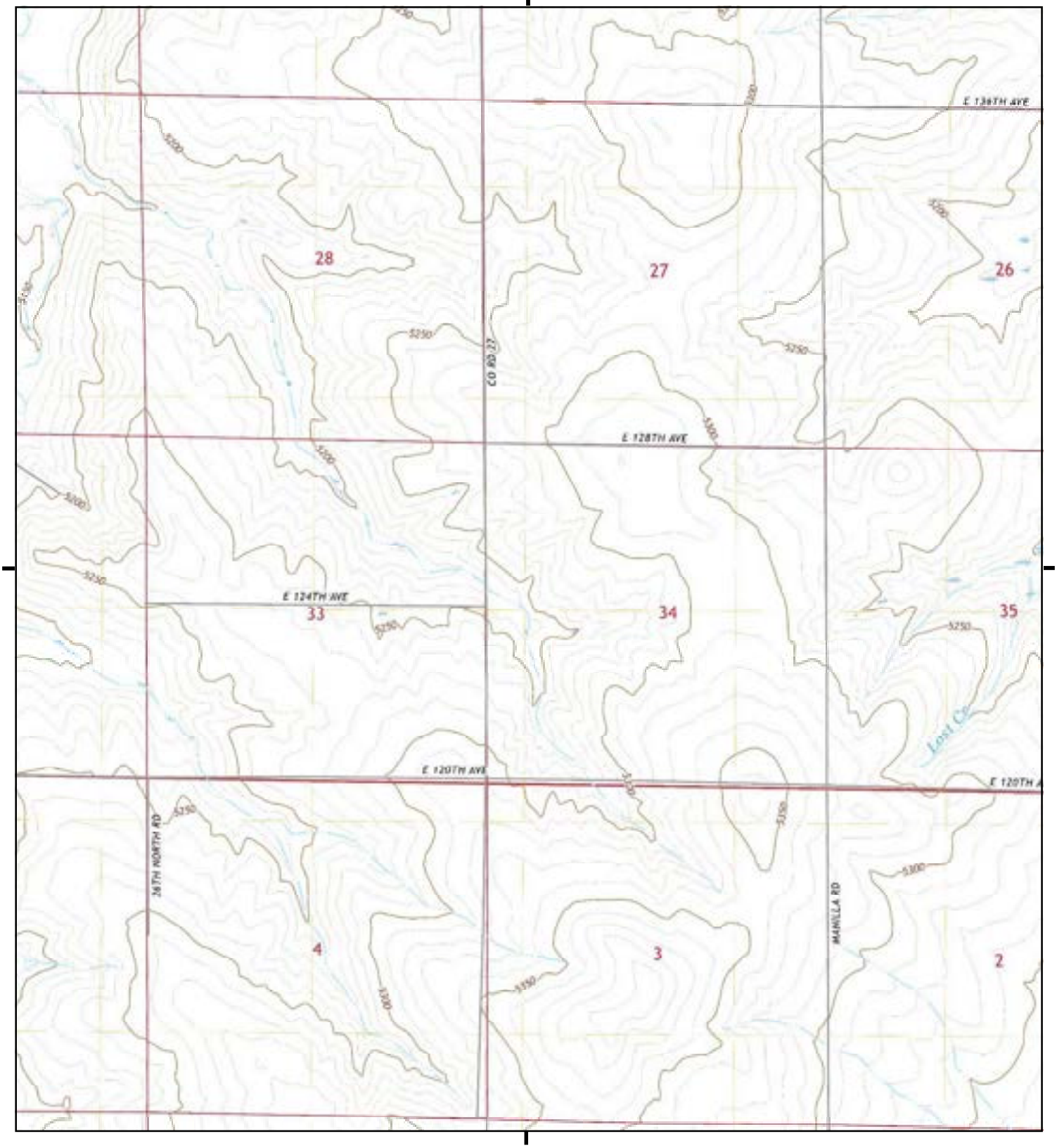
TP, Horse Creek, 2022, 7.5-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2019



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

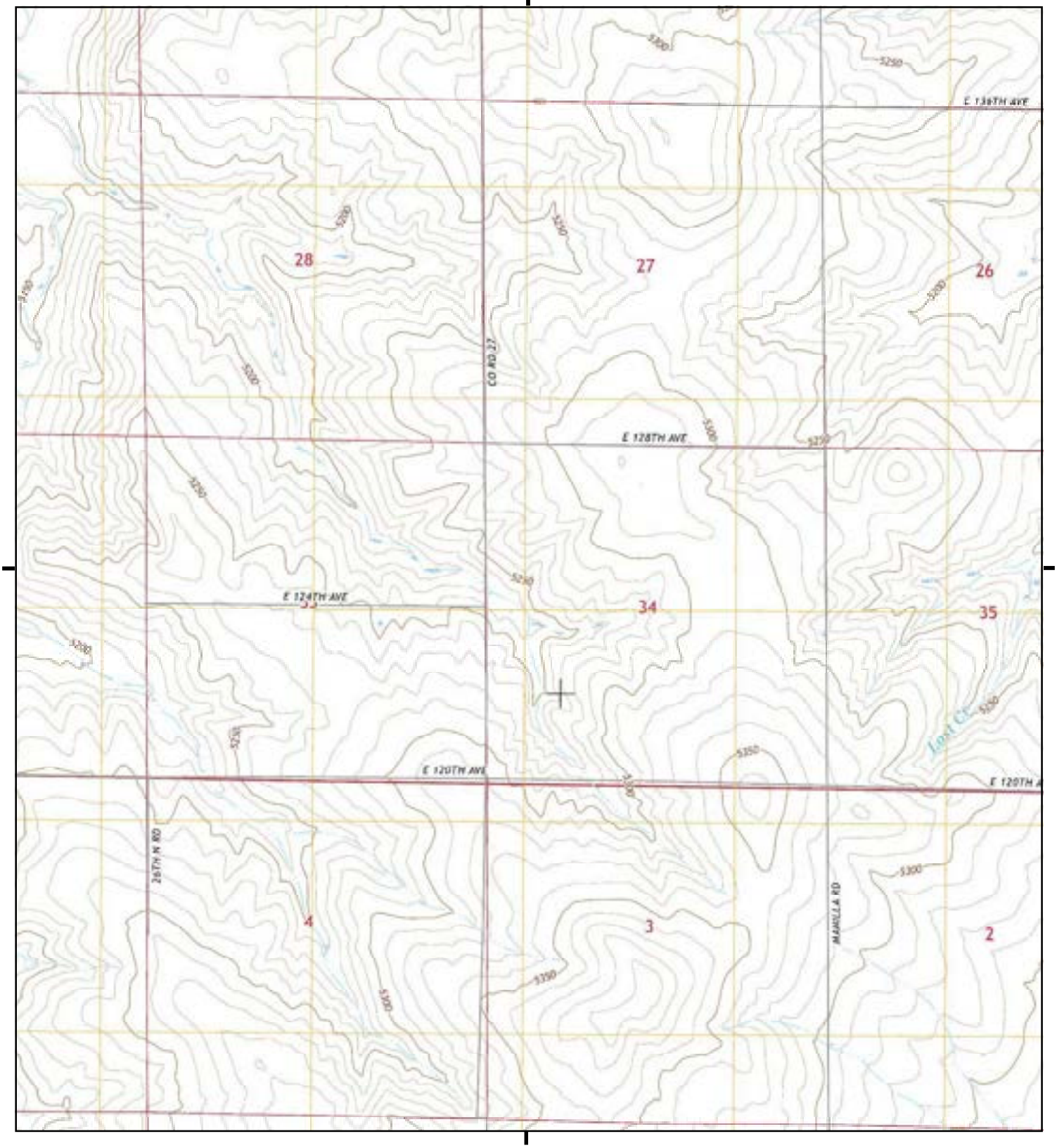
TP, Horse Creek, 2019, 7.5-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2016



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W E
SW S SE

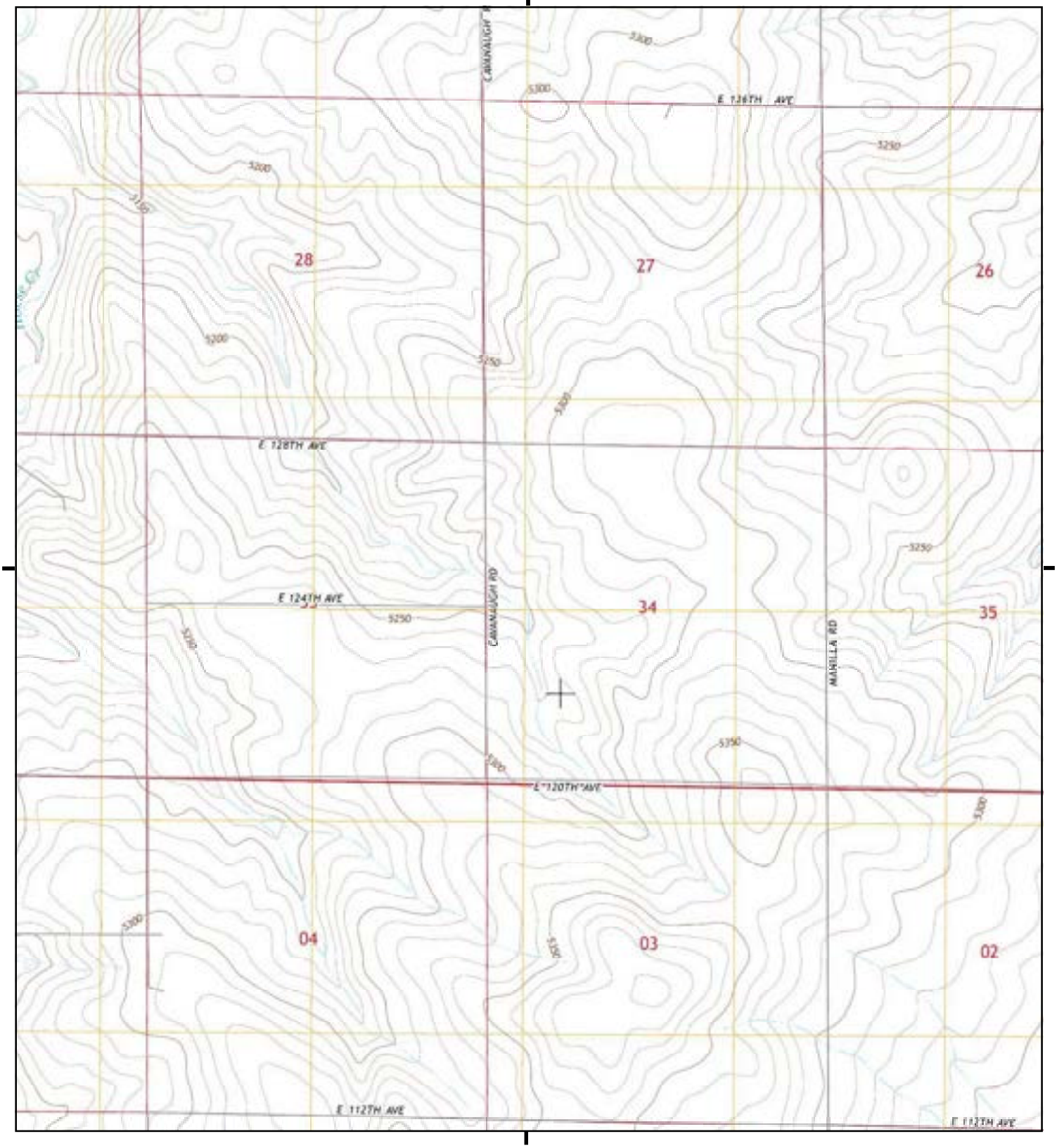
TP, Horse Creek, 2016, 7.5-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2013



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W E
SW S SE

TP, Horse Creek, 2013, 7.5-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N

This report includes information from the following map sheet(s).

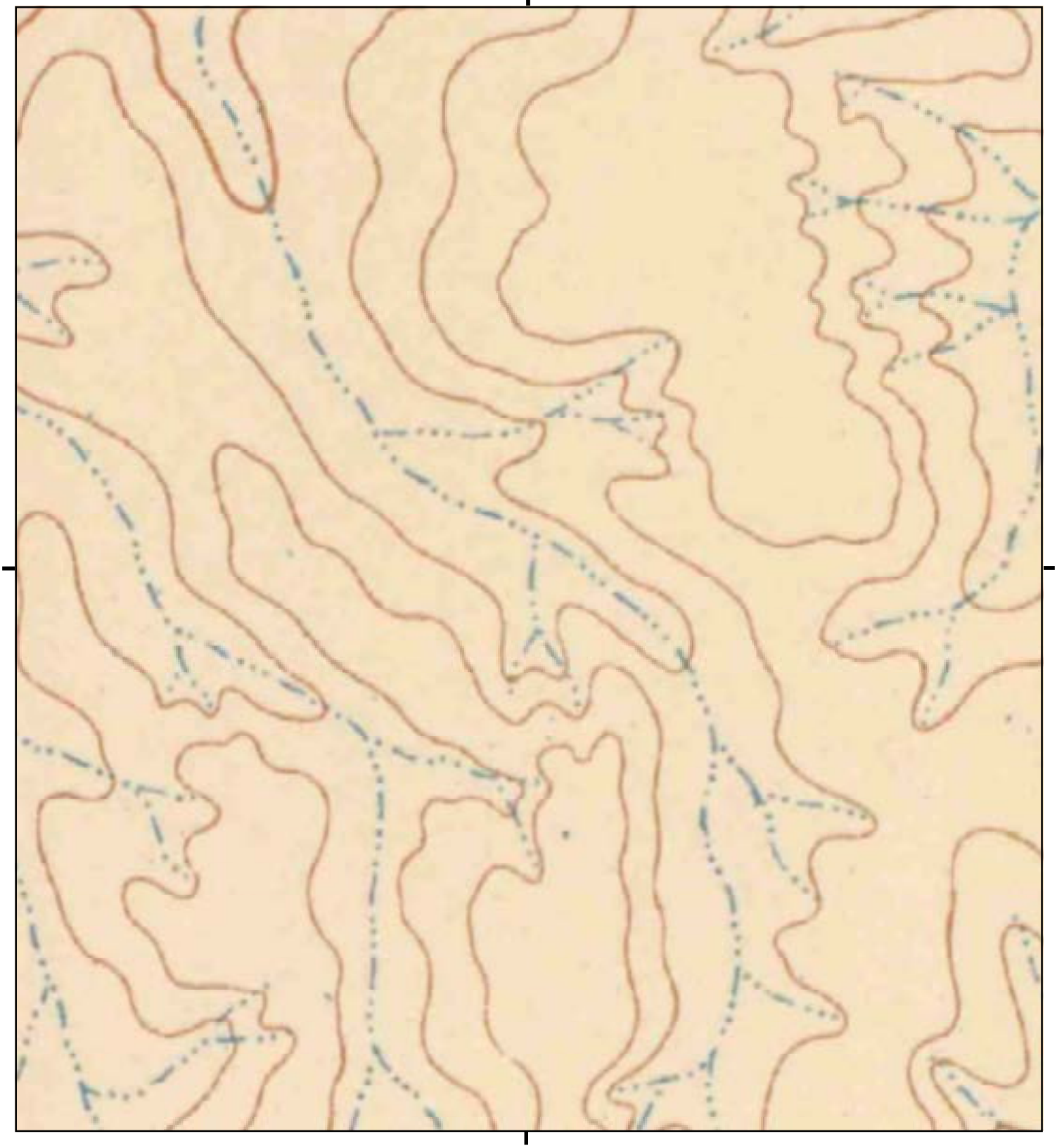
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Horse Creek, 1952, 7.5-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, East Denver, 1890, 30-minute

SITE NAME: 12500 CAVANAUGH RD
ADDRESS: 12500 CAVANAUGH RD
HUDSON, CO 80642
CLIENT: DUDEK

N

Appendix C
EDR Radius Map Report

12500 CAVANAUGH RD
12500 CAVANAUGH RD
HUDSON, CO 80642

Inquiry Number: 8181129.2s
November 21, 2025

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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LIGHTBOX LIVE

Open LightBox Live to access data, tools, and advanced analytics in one online platform.

http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto_lightbox&pguid=936E5A23-69EF-4173-889F-6AE1BDB47BE1

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 23), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

12500 CAVANAUGH RD
HUDSON, CO 80642

COORDINATES

Latitude (North):	39.9219610 - 39° 55' 19.05''
Longitude (West):	104.5434030 - 104° 32' 36.25''
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	539020.4
UTM Y (Meters):	4418985.5
Elevation:	5261 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50012035 HORSE CREEK, CO
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20231007, 20231020
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
12500 CAVANAUGH RD
HUDSON, CO 80642

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	HRM RESOURCES II, LL	NENE SEC 33 T1S R64W	PFAS ECHO	Higher	374, 0.071, NW
2	US EXPLORATION WAILE	BRIGHTON YARD STORAG	PFAS ECHO	Lower	1032, 0.195, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Sites & Facilities
SHWF..... Solid Waste Information System Listing

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tank List
LTANKS..... Petroleum Release Events Listing
LAST..... Leaking Aboveground Storage Tank Listing
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LUST TRUST..... RAP Site Listing

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Database
AST..... Aboveground Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... Environmental Covenants and Environmental Use Restrictions List

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup & Redevelopment Act Application Tracking Report
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Historical Landfill List

SWRCY Registered Recyclers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land
DENVER CO HIST FILL Denver City & County Historic Fill Areas

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
CDL Meth Lab Locations
US CDL National Clandestine Laboratory Register

Local Land Records

LIENS 2 CERCLA Lien Information

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
SPILLS Spills Database
SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated
FUDS Formerly Used Defense Sites
DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites

EXECUTIVE SUMMARY

US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
MINES MRDS ---- Mineral Resources Data System
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS PROJECT ---- NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAIN ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
UST FINDER ---- UST Finder Database
UST FINDER RELEASE ---- UST Finder Releases Database
E MANIFEST ---- Hazardous Waste Electronic Manifest System
PFAS ---- PFAS Information Listing
AQUEOUS FOAM ---- Class B Firefighting Foam Contaminating PFAS Listing
AIRS ---- Permitted Facility & Emissions Listing
ASBESTOS ---- Asbestos Abatement & Demolition Projects
METHANE SITE ---- Methane Site Investigations - Jefferson County 1980
Methane Investig ---- Methane Gas & Swamp Findings
DRYCLEANERS ---- Drycleaner Facilities
Financial Assurance ---- Financial Assurance Information Listing
LEAD ---- LEAD
MINES ---- Permitted Mines Listing
NPDES ---- Permitted Facility Listing
UIC ---- Underground Injection Control
UMTRA ---- Uranium Mill Tailings Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 06/23/2025 has revealed that there are 2 PFAS ECHO sites within approximately 0.25 miles of the target property.

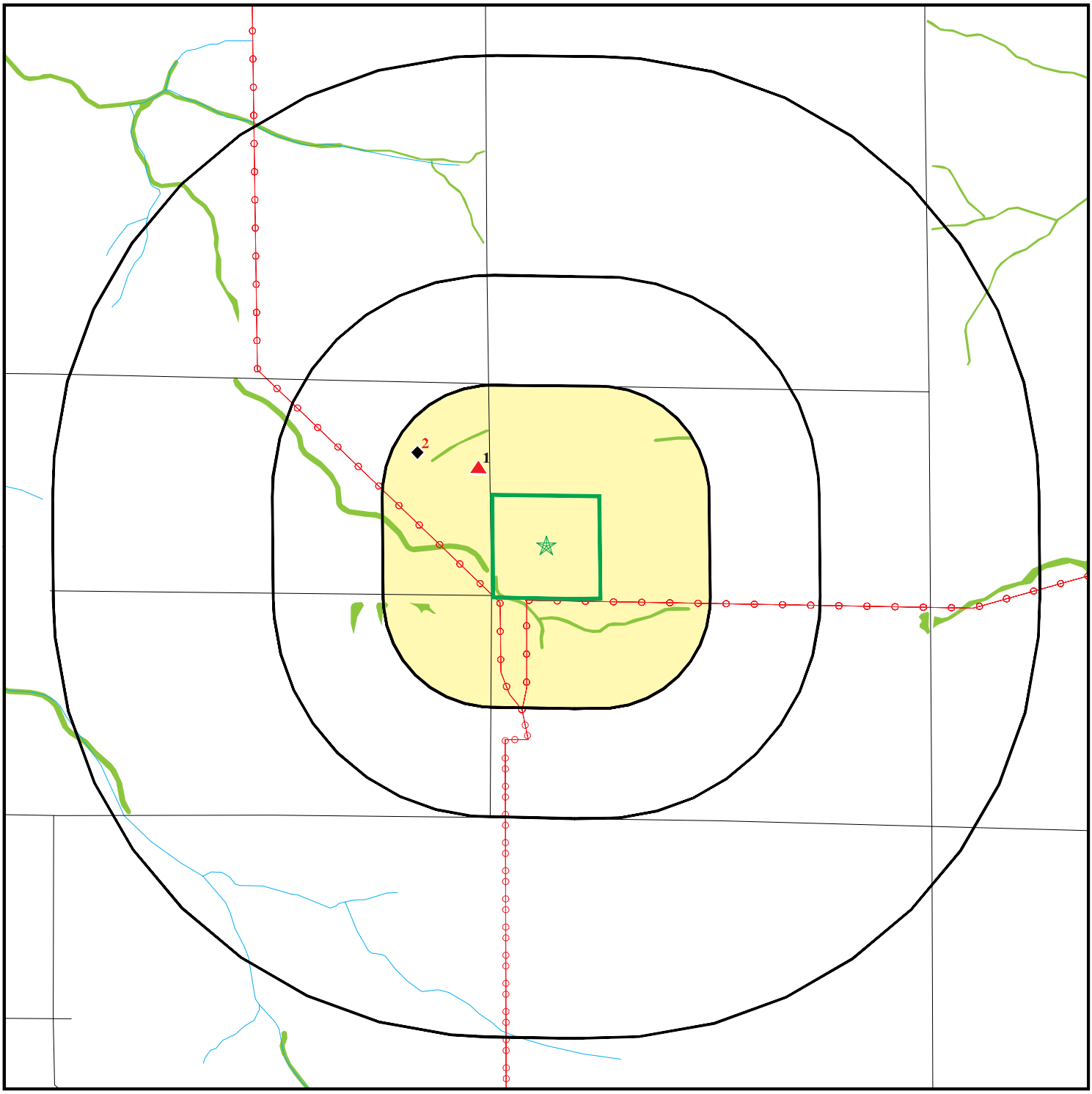
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HRM RESOURCES II, LL	NENE SEC 33 T1S R64W	NW 0 - 1/8 (0.071 mi.)	1	8

Lower Elevation	Address	Direction / Distance	Map ID	Page
US EXPLORATION WAILE	BRIGHTON YARD STORAG	NW 1/8 - 1/4 (0.195 mi.)	2	9

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 8181129.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 12500 CAVANAUGH RD ADDRESS: 12500 CAVANAUGH RD HUDSON CO 80642 LAT/LONG: 39.921961 / 104.543403	CLIENT: DUDEK CONTACT: Susie Smith INQUIRY #: 8181129.2s DATE: November 21, 2025 3:47 pm

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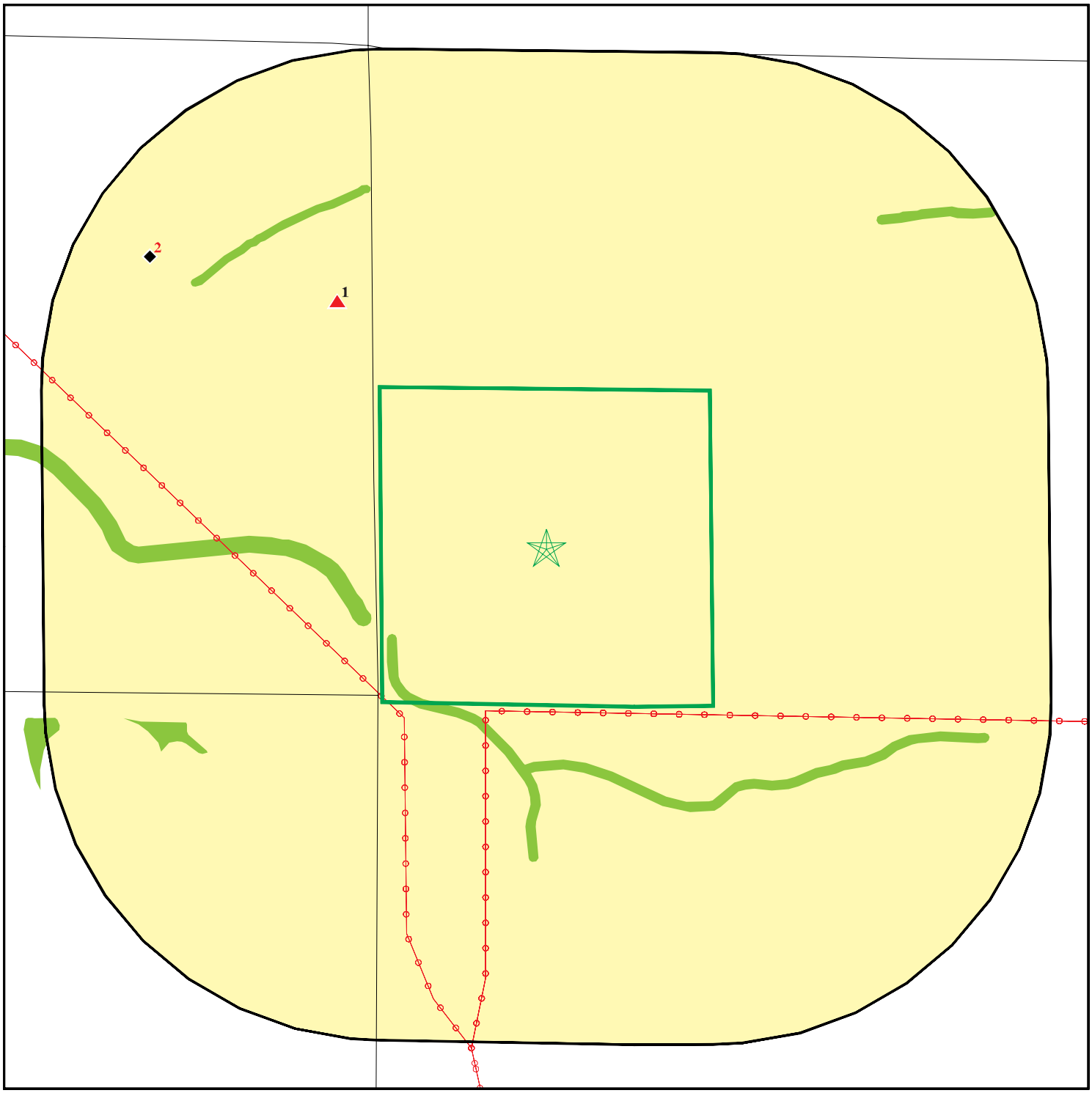
DETAIL MAP - 8181129.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 12500 CAVANAUGH RD	CLIENT: DUDEK
ADDRESS: 12500 CAVANAUGH RD HUDSON CO 80642	CONTACT: Susie Smith INQUIRY #: 8181129.2s
LAT/LONG: 39.921961 / 104.543403	DATE: November 21, 2025 3:48 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
SHWF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
DENVER CO HIST FILL	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		1	1	NR	NR	NR	2
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
METHANE SITE	TP		NR	NR	NR	NR	NR	0
Methane Investig	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	1	1	0	0	0	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

1
NW
< 1/8
0.071 mi.
374 ft.

HRM RESOURCES II, LLC - WAILES 41-33 #1X
NENE SEC 33 T1S R64W
DENVER 3.4 MI. N OF, CO 80642

PFAS ECHO | **1027369463** | **N/A**

Relative:
Higher

Actual:
5266 ft.

PFAS ECHO:

Facility ID:	110054266584
Name:	Hrm Resources Ii, Llc - Wailes 41-33 #1x
Address:	NENE SEC 33 T1S R64W
City,State,Zip:	DENVER 3.4 MI. N OF, CO 80642
Latitude:	39.924598
Longitude:	-104.546313
Count:	1
County:	ADAMS
Status:	Inactive
Region:	08
Industry:	Oil and Gas

ECHO Facility Report:

Facility Percent Minority:	16.817
Facility Derived Tribes:	-
Facility Population:	11.69
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	08123
Facility Indian Country Flag:	N
Facility Collection Method:	-
Facility Derived HUC:	10190003
Facility Derived WBD:	101900030802
Facility Derived CD113:	06
Facility Derived CB2010:	080010084011049
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	0
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	CO0000000800101914
CAA Permit Types:	Minor Emissions
CAA NAICS:	211111 211130

HRM RESOURCES II, LLC - WAILES 41-33 #1X (Continued) **1027369463**

CAA SICS:	1311
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-

2
NW
1/8-1/4
0.195 mi.
1032 ft.

US EXPLORATION WAILES 1X 41-33 **PFAS ECHO** **1027434716**
BRIGHTON YARD STORAGE **N/A**
BENNETT, CO 80102

Relative:
Lower

Actual:
5245 ft.

PFAS ECHO:

Facility ID:	110014321055
Name:	Us Exploration Wailes 1x 41-33
Address:	BRIGHTON YARD STORAGE
City,State,Zip:	BENNETT, CO 80102
Latitude:	39.925076
Longitude:	-104.548927
Count:	1
County:	ADAMS
Status:	Inactive
Region:	08
Industry:	Oil and Gas

ECHO Facility Report:

Facility Percent Minority:	16.667
Facility Derived Tribes:	-
Facility Population:	12.56
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	08001
Facility Indian Country Flag:	N
Facility Collection Method:	INTERPOLATION-MAP
Facility Derived HUC:	10190003
Facility Derived WBD:	101900030802
Facility Derived CD113:	06
Facility Derived CB2010:	080010084011049
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	12/18/2000
Facility Days Last Inspection:	8,951
Facility Informal Count:	0

US EXPLORATION WAILES 1X 41-33 (Continued) **1027434716**

Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	0
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	CO0000000800100699
CAA Permit Types:	Minor Emissions
CAA NAICS:	211111 211130
CAA SICS:	1311
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/22/2025
Date Data Arrived at EDR: 09/23/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 03/11/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 83

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/10/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Sites & Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/01/2025
Date Data Arrived at EDR: 08/05/2025
Date Made Active in Reports: 10/23/2025
Number of Days to Update: 79

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

SHWF: Solid Waste Information System Listing

A listing from the Solid Waste Information System, which is used to help administer the various programs of our solid waste and materials management program. It includes a wide variety of types of facilities and sites, and includes information obtained over several decades and numerous legacy data systems.

Date of Government Version: 07/24/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/20/2025
Number of Days to Update: 83

Source: Department of Public Health & Environment
Telephone: 303-692-6349
Last EDR Contact: 10/27/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LTANKS: Petroleum Release Events Listing

Active and Closed OPS Petroleum Release Events in Colorado. Includes the OPS Open Event locations, but also shows locations of closed events (releases that have been issued a No Further Action determination).

Date of Government Version: 08/01/2025
Date Data Arrived at EDR: 08/05/2025
Date Made Active in Reports: 08/05/2025
Number of Days to Update: 0

Source: Department of Labor & Employment
Telephone: 303-318-8525
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 27

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Listing

A listing of leaking aboveground storage tank sites. This list is no longer maintained. For current Leaking AST information, please see LTANKS.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 27

Source: Department of Labor & Employment
Telephone: 303-318-8525
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/27/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

TRUST: Lust Trust Sites
Reimbursement application package. The 1989 Colorado General Assembly established Colorado's Petroleum Storage Tank Fund. The Fund reimburses eligible applicants for allowable costs incurred in cleaning up petroleum contamination from underground and aboveground petroleum storage tanks, as well as for third-party liability expenses. Remediation of contamination caused by railroad or aircraft fuel is not eligible for reimbursement. The Fund satisfies federal Environmental Protection Agency financial assurance requirements. Monies in the Fund come from various sources, predominantly the state environmental surcharge imposed on all petroleum products except railroad or aircraft fuel.

Date of Government Version: 06/11/2025
Date Data Arrived at EDR: 06/11/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 86

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 06/06/2025
Date Data Arrived at EDR: 08/26/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 78

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 82

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Tank List
Aboveground storage tank locations.

Date of Government Version: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 82

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/27/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Environmental Real Covenants List

Senate Bill 01-145 gave authority to the Colorado Department of Public Health and Environment to approve requests to restrict the future use of a property using an enforceable agreement called an environmental covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.

Date of Government Version: 07/18/2025
Date Data Arrived at EDR: 07/21/2025
Date Made Active in Reports: 10/10/2025
Number of Days to Update: 81

Source: Department of Public Health & Environment
Telephone: 303-692-3331
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup & Redevelopment Act Application Tracking Report

The Voluntary Cleanup and Redevelopment Act is intended to permit and encourage voluntary cleanups by providing a method to determine clean-up responsibilities in planning the reuse of property. The VCRA was intended for sites which were not covered by existing regulatory programs.

Date of Government Version: 06/25/2025
Date Data Arrived at EDR: 06/25/2025
Date Made Active in Reports: 09/19/2025
Number of Days to Update: 86

Source: Department of Public Health and Environmental
Telephone: 303-692-3331
Last EDR Contact: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites Listing
Brownfields Sites Listing

Date of Government Version: 07/14/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/06/2025
Number of Days to Update: 84

Source: Department of Public Health & Environment
Telephone: 303-692-3331
Last EDR Contact: 10/14/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HISTORICAL LANDFILL: Historical Landfill List
Abandoned/Inactive Landfills.

Date of Government Version: 01/31/1993
Date Data Arrived at EDR: 04/24/1994
Date Made Active in Reports: 05/30/1994
Number of Days to Update: 36

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 09/05/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Registered Recyclers Listing
A listing of registered recycler locations in the state of Colorado.

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 09/09/2025
Number of Days to Update: 11

Source: Department of Public Health & Environment
Telephone: 303-692-3337
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/23/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

DENVER CO HIST FILL: Denver City & County Historic Fill Areas

This dataset denotes the approximate locations of historical fill areas within the City and County of Denver (CCoD) and with within approximately three-quarters of a mile of the CCoD boundaries. The data is of a general nature and obtained from historic and current documents that may not be accurate or precise.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/24/2024
Number of Days to Update: 84

Source: City & County of Denver
Telephone: 720-913-5237
Last EDR Contact: 10/02/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: No Update Planned

CDL: Meth Lab Locations

Meth lab locations that were reported to the Department of Public Health & Environment.

Date of Government Version: 06/17/2025
Date Data Arrived at EDR: 06/23/2025
Date Made Active in Reports: 09/16/2025
Number of Days to Update: 85

Source: Department of Public Health and Environment
Telephone: 303-692-3023
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/11/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

SPILLS 2: Spills

A listing of spills reported to the Oil & Gas Conservation Commission

Date of Government Version: 03/19/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 85

Source: Oil & Gas Conservation Commission
Telephone: 303-894-2100
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

CO ERNS: Spills Database
State reported spills.

Date of Government Version: 06/17/2025
Date Data Arrived at EDR: 06/23/2025
Date Made Active in Reports: 09/16/2025
Number of Days to Update: 85

Source: Department of Public Health and Environmental
Telephone: 303-692-2000
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/06/2013
Number of Days to Update: 34

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 07/23/2025
Date Data Arrived at EDR: 07/23/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 6

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/02/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 10/30/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/11/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 08/11/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 91

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/10/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/14/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/14/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/03/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 12/08/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 07/01/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/08/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/26/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 28

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/30/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/11/2025
Date Data Arrived at EDR: 08/12/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 84

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/23/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/30/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/17/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 06/30/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 88

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/15/2025
Date Data Arrived at EDR: 05/15/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 75

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/10/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/01/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 09/24/2025
Number of Days to Update: 85

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/08/2025
Date Data Arrived at EDR: 08/18/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 05/20/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/12/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2025
Date Data Arrived at EDR: 09/10/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 63

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/09/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/04/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 48

Source: EPA
Telephone: (303) 312-6312
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 07/31/2025
Date Data Arrived at EDR: 08/14/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/29/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/22/2025
Date Data Arrived at EDR: 06/25/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/07/2025
Date Data Arrived at EDR: 08/07/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information
EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information
Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 09/24/2025
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 11/12/2024
Date Data Arrived at EDR: 07/21/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 84

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/15/2024
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 89

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 09/02/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/06/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 08/13/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Varies

PFAS: PFAS Information Listing

A list of entities that have tested groundwater and have found PFAS chemicals, specifically PFOA and PFOS, levels above the health advisory. Potential sources of these chemicals include military bases, fire stations or training centers, landfills, industrial sites, car racetracks, and ski resorts.

Date of Government Version: 06/11/2025
Date Data Arrived at EDR: 06/30/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 29

Source: Department of Public Health & Environment
Telephone: 303-692-3605
Last EDR Contact: 10/02/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

AQUEOUS FOAM: Class B Firefighting Foam Contaminating PFAS Listing

Class B foams put out fires caused by flammable liquids like gasoline, oil, and jet fuel. They may contain PFAS chemicals. Anyone using or storing Class B firefighting foam containing these chemicals must register through the Certificate of Registration Program.303-692-38

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 09/30/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 8

Source: Department of Public Health & Environment
Telephone: 303-692-3605
Last EDR Contact: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing

A listing of Air Pollution Control Division permits and emissions data.

Date of Government Version: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/11/2025
Number of Days to Update: 83

Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Varies

ASBESTOS: Asbestos Abatement & Demolition Projects

Asbestos abatement and demolition projects by the contractor.

Date of Government Version: 04/23/2025
Date Data Arrived at EDR: 04/24/2025
Date Made Active in Reports: 07/14/2025
Number of Days to Update: 81

Source: Department of Public Health & Environment
Telephone: 303-692-3100
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Semi-Annually

METHANE SITE: Methane Site Investigations - Jefferson County 1980
The objectives of the study are to define as closely as possible the boundaries of methane producing solid waste landfills.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50
Source: Jefferson County Health Department
Telephone: 303-239-7175
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

METHANE INVESTIG: Methane Gas & Swamp Findings
The primary objective of this study was to assess methane gas related hazards at selected landfill sites in Colorado. These sites were selected by the Colorado Department of Health following evaluation of responses received from County and Municipal agencies about completed and existing landfills within their jurisdiction.

Date of Government Version: 03/15/1979
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50
Source: Department of Health
Telephone: 303-640-3335
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Facilities
A listing of drycleaning facilities.

Date of Government Version: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/11/2025
Number of Days to Update: 83
Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/08/2025
Date Data Arrived at EDR: 10/09/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 40
Source: Department of Public Health & Environment
Telephone: 303-692-3350
Last EDR Contact: 09/30/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/26/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 09/25/2025
Number of Days to Update: 86
Source: Department of Public Health & Environment
Telephone: 303-392-3350
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

LEAD: Lead Abatement Permit Listing
Lead inspection

Date of Government Version: 04/23/2025
Date Data Arrived at EDR: 04/24/2025
Date Made Active in Reports: 07/14/2025
Number of Days to Update: 81
Source: Department of Publich Health & Environment
Telephone: 303-692-2000
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

MINES: Permitted Mines Listing
This dataset represents permitted mines in the State of Colorado

Date of Government Version: 07/06/2025
Date Data Arrived at EDR: 07/07/2025
Date Made Active in Reports: 09/25/2025
Number of Days to Update: 80
Source: Division of Reclamation Mining and safety
Telephone: 303-866-3567
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Semi-Annually

NPDES: Permitted Facility Listing
A listing of permitted facilities from the Water Quality Control Division.

Date of Government Version: 06/10/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/07/2025
Number of Days to Update: 82
Source: Department of Public Health & Environment
Telephone: 303-692-3611
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

UIC: Underground Injection Control
A list of underground injection wells and their locations.

Date of Government Version: 08/12/2025
Date Data Arrived at EDR: 08/12/2025
Date Made Active in Reports: 10/31/2025
Number of Days to Update: 80
Source: Oil & Gas Conservation Commission
Telephone: 303-894-2100
Last EDR Contact: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites
There were nine uranium mill tailings sites in Colorado designated for cleanup under the federal Uranium Mill Tailings Radiation Control Act. These nine sites, know commonly as UMTRA sites, were remediated jointly by the State of Colorado and the U.S. Department of Energy during the late 1980's and early 1990's. Mill tailings were removed from 8 of the mill sites and relocated in engineered disposal cells. A disposal cell is designed to encapsulate the material, reduce radon emanation, and prevent the movement of water through the material. At one site, Maybell, CO, the tailings were stabilized in-place at the mill site. After remediation of the tailings was completed, the State and DOE began to investigate the residual impacts to groundwater at the mill sites. The groundwater phase of the UMTRA program is on-going.

Date of Government Version: 05/20/2025
Date Data Arrived at EDR: 08/15/2025
Date Made Active in Reports: 11/03/2025
Number of Days to Update: 80
Source: Department of Public Health & Environment
Telephone: 970-248-7164
Last EDR Contact: 11/13/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Public Health & Environment in Colorado.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Public Health & Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Labor and Employment, Oil Inspection Section in Colorado.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ADAMS COUNTY:

LF ADAMS: Summary Report on Methane Gas Hazards and Surveys Conducted on Domestic and Demolition Landfills in Adams County
As of May 8, 1978, all known landfills or dumping sites in the Adams County area have been surveyed.

Date of Government Version: 05/08/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

ARAPAHOE COUNTY:

LF ARAPAHOE: A Survey of Landfills in Arapahoe County
A survey of Arapahoe County was conducted from August through November, 1977, of all open and closed landfills and dumpsites in the county. Each of the sites found was classified as domestic or demolition.

Date of Government Version: 12/31/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

BOULDER COUNTY:

LF BOULDER: Old Landfill Sites
Landfill sites in Boulder county.

Date of Government Version: 05/01/1986
Date Data Arrived at EDR: 11/14/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 23

Source: Boulder County Health Department
Telephone: 303-441-1182
Last EDR Contact: 01/30/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DENVER COUNTY:

LF DENVER: Landfills in Denver County
Landfill sites in the city and county of Denver.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 75

Source: City and County of Denver
Telephone: 720-913-4839
Last EDR Contact: 09/08/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: No Update Planned

LF DENVER CO METHANE: Investigation of Methane Gas Hazards
The purpose of this study was to assess the actual and potential generation, migration, explosive and related problem associated with specified old landfills, and to identify existing and potential problems, suggested strategies to prevent, abate, and control such problems and recommend investigative and monitoring functions as may be deemed necessary. Eight sites determined to be priorities due to population density and potential hazards to population and property were selected by the Colorado Department of Health.

Date of Government Version: 01/01/1981
Date Data Arrived at EDR: 01/29/2013
Date Made Active in Reports: 03/08/2013
Number of Days to Update: 38

Source: City and County of Denver Department of Environmental Health
Telephone: 720-865-5522
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DOUGLAS COUNTY:

LF DOUGLAS: Douglas County Landfill Key
Landfill sites in Douglas county.

Date of Government Version: 06/12/1991
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PUEBLO COUNTY:

LF PUEBLO: Designated Disposal & Landfill Sites
Only inert materials. Asphalt, cement, dirt & rock unless otherwise specified. These sites are no longer active.

Date of Government Version: 04/30/1990
Date Data Arrived at EDR: 11/16/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 21

Source: Pueblo City-County Health Department
Telephone: 719-583-4300
Last EDR Contact: 11/13/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRI COUNTY:

LF TRI: Tri-County Area Solid Waste Facilities List (Adams, Arapahoe and Douglas Counties)
Closed Domestic Landfills in Adams County, Closed Domestic Landfills in Arapahoe County, Closed Demolition Landfills in Arapahoe County, Closed Domestic Landfills in Douglas County.

Date of Government Version: 10/15/1983
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WELD COUNTY:

LF WELD: Solid Waste Facilities in Weld County
Solid Waste Facilities in Weld County.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 02/23/2018
Number of Days to Update: 14

Source: Weld County Department of Public Health
Telephone: 970-304-6415
Last EDR Contact: 10/30/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2025
Date Data Arrived at EDR: 07/31/2025
Date Made Active in Reports: 10/16/2025
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/23/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/27/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Daycare Listing
Source: Department of Human Services
Telephone: 303-866-5958

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data
Source: Division of Wildlife
Telephone: 970-416-3360

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

12500 CAVANAUGH RD
12500 CAVANAUGH RD
HUDSON, CO 80642

TARGET PROPERTY COORDINATES

Latitude (North):	39.921961 - 39° 55' 19.06''
Longitude (West):	104.543403 - 104° 32' 36.25''
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	539020.4
UTM Y (Meters):	4418985.5
Elevation:	5261 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50012035 HORSE CREEK, CO
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

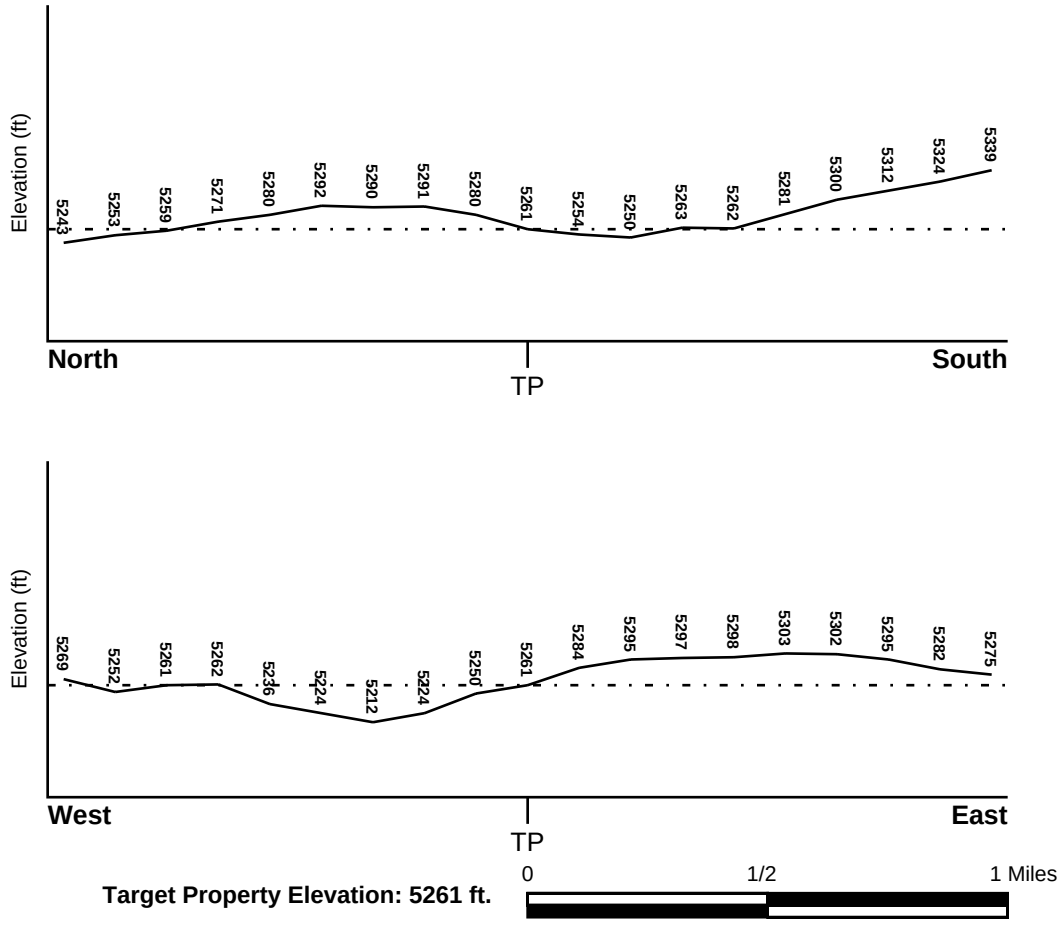
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
08001C0395H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

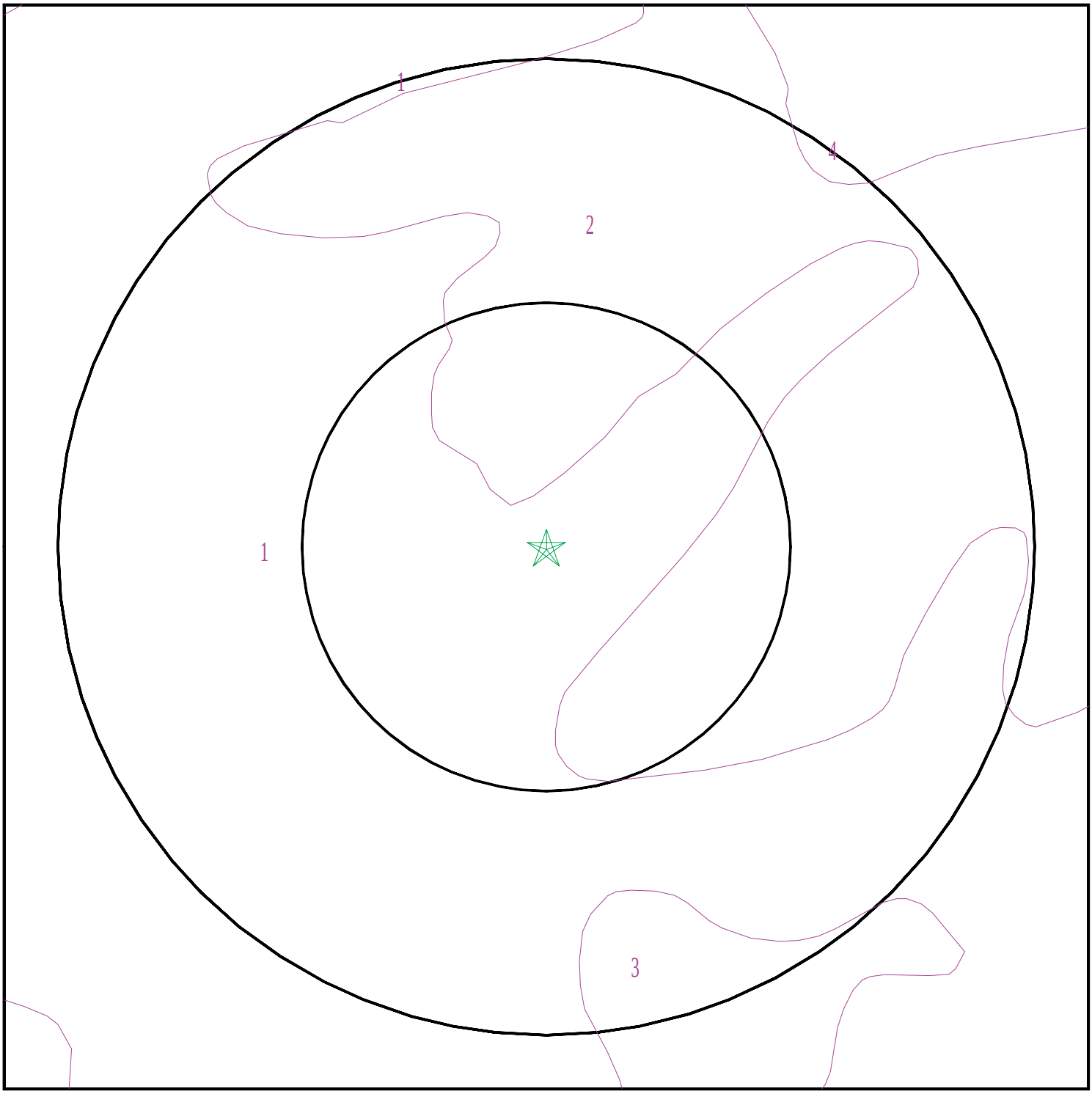
Era:	Mesozoic
System:	Cretaceous
Series:	Navarro Group
Code:	uK4 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 8181129.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	12500 CAVANAUGH RD	CLIENT:	DUDEK
ADDRESS:	12500 CAVANAUGH RD HUDSON CO 80642	CONTACT:	Susie Smith
		INQUIRY #:	8181129.2s
LAT/LONG:	39.921961 / 104.543403	DATE:	November 21, 2025 3:48 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Wiley

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9
2	3 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9
3	12 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 2

Soil Component Name: Adena

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
2	3 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Samsil

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:
2	3 inches	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:
3	14 inches	18 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:

Soil Map ID: 4

Soil Component Name: Adena

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
2	3 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CO9000000564392	0 - 1/8 Mile North
2	CO9000000281591	1/4 - 1/2 Mile WSW
3	CO9000000336649	1/4 - 1/2 Mile NW
A4	CO9000000365659	1/4 - 1/2 Mile North
A5	CO9000000373338	1/4 - 1/2 Mile North
A6	CO9000000538323	1/4 - 1/2 Mile North
A7	CO9000000548161	1/4 - 1/2 Mile North
A8	CO9000000548162	1/4 - 1/2 Mile North
B9	CO9000000379046	1/4 - 1/2 Mile WSW
B10	CO9000000196820	1/4 - 1/2 Mile West
C11	CO9000000336648	1/4 - 1/2 Mile NW
D12	CO9000000271218	1/4 - 1/2 Mile West
D13	CO9000000271219	1/4 - 1/2 Mile West
C14	CO9000000560099	1/4 - 1/2 Mile NW
C15	CO9000000267279	1/4 - 1/2 Mile NW
16	CO9000000562331	1/4 - 1/2 Mile North
17	CO9000000207925	1/4 - 1/2 Mile NNE
E18	CO9000000222903	1/4 - 1/2 Mile NE
F19	CO9000000101065	1/2 - 1 Mile NNW
G20	CO9000000265195	1/2 - 1 Mile NW
G21	CO9000000265196	1/2 - 1 Mile NW
F22	CO9000000101064	1/2 - 1 Mile NNW
E23	CO9000000221237	1/2 - 1 Mile NE
24	CO9000000520366	1/2 - 1 Mile NNW
H25	CO9000000206474	1/2 - 1 Mile NE
H26	CO9000000206475	1/2 - 1 Mile NE
27	CO9000000287480	1/2 - 1 Mile NNW
I28	CO9000000219619	1/2 - 1 Mile North
I29	CO9000000559962	1/2 - 1 Mile North
30	CO9000000288087	1/2 - 1 Mile WNW
J31	CO9000000610839	1/2 - 1 Mile SSW
J32	CO9000000604230	1/2 - 1 Mile SSW
K33	CO9000000577249	1/2 - 1 Mile ENE
34	CO9000000323690	1/2 - 1 Mile NE
K35	CO9000000602431	1/2 - 1 Mile ENE
L36	CO9000000580955	1/2 - 1 Mile East
L37	CO9000000580956	1/2 - 1 Mile East
38	CO9000000272083	1/2 - 1 Mile West
39	CO9000000055611	1/2 - 1 Mile SSE
40	CO9000000270864	1/2 - 1 Mile West
41	CO9000000230869	1/2 - 1 Mile SW
42	CO9000000273207	1/2 - 1 Mile NNW
43	CO9000000226745	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

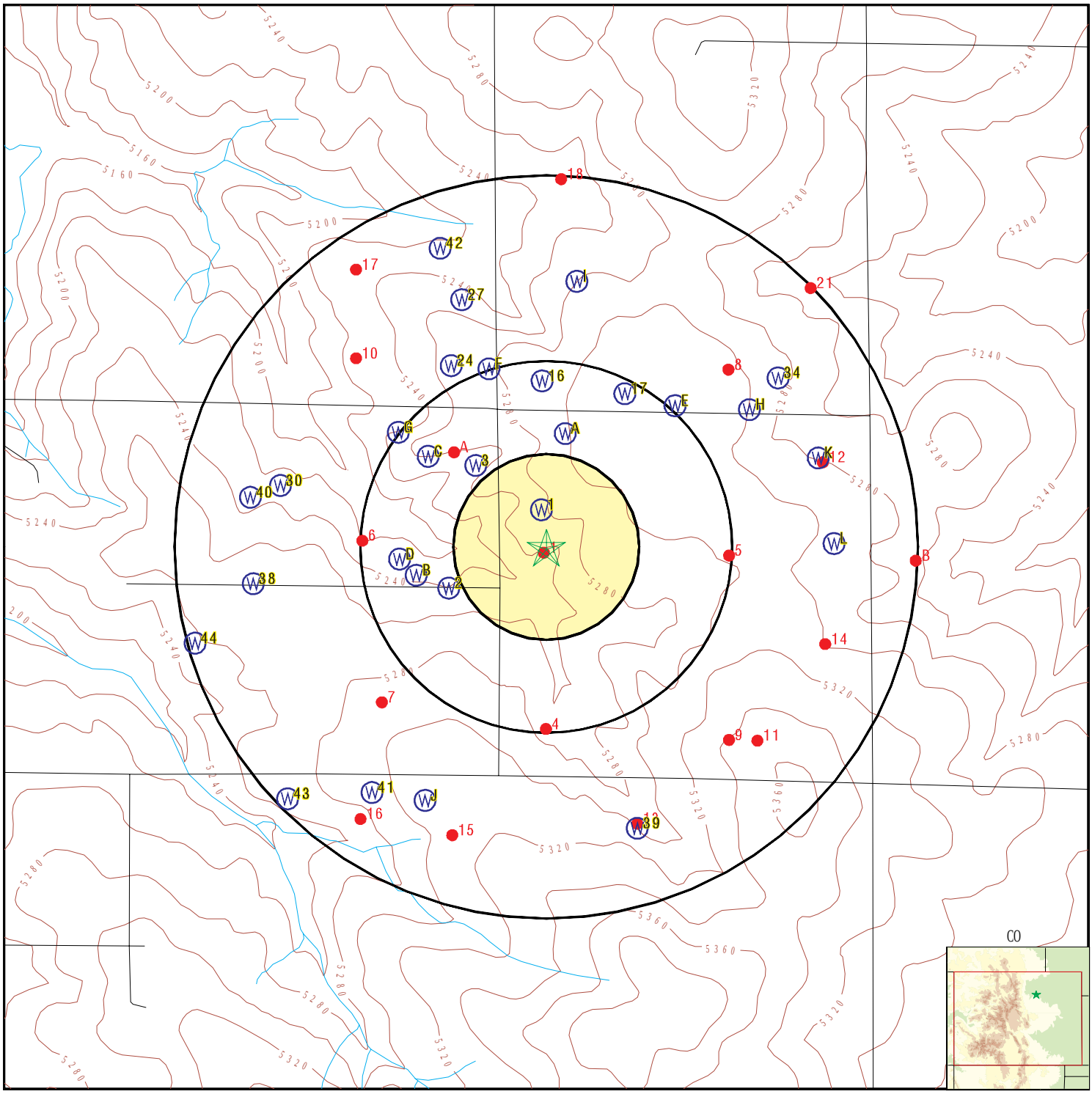
MAP ID	WELL ID	LOCATION FROM TP
44	CO9000000364604	1/2 - 1 Mile WSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	COOG30000001934	0 - 1/8 Mile SSW
A2	COOG30000000878	1/4 - 1/2 Mile NW
A3	COOG30000002162	1/4 - 1/2 Mile NW
4	COOG30000000872	1/4 - 1/2 Mile South
5	COOG30000000838	1/4 - 1/2 Mile East
6	COOG30000000854	1/4 - 1/2 Mile West
7	COOG30000001858	1/2 - 1 Mile SW
8	COOG30000000809	1/2 - 1 Mile NE
9	COOG30000001879	1/2 - 1 Mile SE
10	COOG30000001881	1/2 - 1 Mile NW
11	COOG30000003284	1/2 - 1 Mile SE
12	COOG30000000774	1/2 - 1 Mile ENE
13	COOG30000001878	1/2 - 1 Mile SSE
14	COOG30000003309	1/2 - 1 Mile ESE
15	COOG30000003402	1/2 - 1 Mile SSW
16	COOG30000004014	1/2 - 1 Mile SW
17	COOG30000002345	1/2 - 1 Mile NW
18	COOG30000003416	1/2 - 1 Mile North
B19	COOG30000000795	1/2 - 1 Mile East
B20	COOG30000000796	1/2 - 1 Mile East
21	COOG30000002962	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 8181129.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
Oil, gas or related wells

SITE NAME:	12500 CAVANAUGH RD	CLIENT:	DUDEK
ADDRESS:	12500 CAVANAUGH RD HUDSON CO 80642	CONTACT:	Susie Smith
LAT/LONG:	39.921961 / 104.543403	INQUIRY #:	8181129.2s
		DATE:	November 21, 2025 3:48 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
0 - 1/8 Mile
Higher

CO WELLS **CO9000000564392**

Permit #:	307465-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	39.06000137
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2017-11-01
Expiration Date:	Not Reported	Construction Date:	2019-09-04
Start Use Date:	Not Reported	Pump Install Date:	2019-09-06
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	12
Static Water Depth (ft):	130	Applicant:	SPECHT, RYAN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3683113		

2
WSW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000281591**

Permit #:	255213-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2004-02-11
Expiration Date:	Not Reported	Construction Date:	2004-02-27
Start Use Date:	Not Reported	Pump Install Date:	2004-04-28
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	420	Yield (gpm):	14
Static Water Depth (ft):	115	Applicant:	RICHARDSON, DAVID C.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0519810		

3
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000336649**

Permit #:	277617-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported		
Comment:	May Convert To A Production Well If Receipt #3629372 Well Is Contaminated And Convert That Well Into A Monitoring Well. Bdh 05/23/08		
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372B		

A4
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000365659**

Permit #:	298017-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2015-07-07
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5295
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3669754		

A5
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000373338**

Permit #:	Not Reported	CD DWR ID #:	Not Reported
Well Status:	Application Information Requested		
Well Name:	0	Water Court Case #:	Not Reported
Parcel Size:	37.81999969	Well Use:	Domestic
Addtl Well Use:	Stock	Special Use:	Not Reported
Primary Aquifer:	UPPER ARAPAHOE	Addtl Aquifer:	Not Reported
Division:	1	Water District:	1
Mgmt District:	Not Reported	Ground Water Basin:	Not Reported
Irrigation Area:	0	Yrly Appropriation:	3
Issued Date:	Not Reported	Expiration Date:	Not Reported
Construction Date:	Not Reported	Start Use Date:	Not Reported
Pump Install Date:	Not Reported	Well Plug Date:	Not Reported
Well Elevation:	0	Well Depth:	0
Top of 1st Perf Casing:	0	Bot of Last Perf Casing:	0
Yield (gpm):	0	Static Water Depth (ft):	0

Applicant:	HUBBART CHAD & ANGELA	OGCC ID:	Not Reported
Comment:	Permit No. 304698 Already Issued For This Parcel		
URL:	https://dwr.state.co.us/Tools/WellPermits/3678982B		

A6
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000538323**

Permit #:	304698-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2017-02-28
Expiration Date:	Not Reported	Construction Date:	2017-11-01
Start Use Date:	Not Reported	Pump Install Date:	2017-11-03
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	14
Static Water Depth (ft):	180	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3678490B		

A7
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000548161**

Permit #:	304698--A	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2018-08-21
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HUBBART, CHAD
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3688014		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A8
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000548162**

Permit #:	304698--A	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2018-08-21
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HUBBART, ANGELA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3688014		

B9
WSW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000379046**

Permit #:	145847-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Stock	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	Not Reported
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	1956-12-30	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	WAILES FARMS INC
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/9005258		

B10
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000196820**

Permit #:	Not Reported	CD DWR ID #:	Not Reported
Well Status:	Application Information Requested		
Well Name:	0	Water Court Case #:	Not Reported
Parcel Size:	0	Well Use:	Stock
Addtl Well Use:	Not Reported	Special Use:	Not Reported

Primary Aquifer:	ALL UNNAMED AQUIFERS	Addtl Aquifer:	Not Reported
Division:	1	Water District:	1
Mgmt District:	Not Reported	Ground Water Basin:	Not Reported
Irrigation Area:	0	Yrly Appropriation:	0
Issued Date:	Not Reported	Expiration Date:	Not Reported
Construction Date:	Not Reported	Start Use Date:	Not Reported
Pump Install Date:	Not Reported	Well Plug Date:	Not Reported
Well Elevation:	0	Well Depth:	0
Top of 1st Perf Casing:	0	Bot of Last Perf Casing:	0
Yield (gpm):	0	Static Water Depth (ft):	0
Applicant:	WAILES FARMS INC	OGCC ID:	Not Reported
Comment:	Not Reported		
URL:	https://dwr.state.co.us/Tools/WellPermits/0392327B		

C11
NW
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000336648**

Permit #:	277616-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372A		

D12
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000271218**

Permit #:	245962-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	2003-02-05
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	5225
Well Depth:	480	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	480	Yield (gpm):	7
Static Water Depth (ft):	140	Applicant:	HERNANDEZ, ROBERTO R.
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0501803

D13
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000271219**

Permit #:	245962-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	2003-02-05
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	5225
Well Depth:	480	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	480	Yield (gpm):	7
Static Water Depth (ft):	140	Applicant:	VALADEZ, HORTENCIA R.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0501803		

C14
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000560099**

Permit #:	277618-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	2008-07-07
Start Use Date:	Not Reported	Pump Install Date:	2019-06-17
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	460	Top of 1st Perf Casing:	260
Bot of Last Perf Casing:	460	Yield (gpm):	12
Static Water Depth (ft):	152	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported		
Comment:	May Convert This Well To A Monitoring Well If Contaminated And Re-Permit 277617 (Monitoring Well) To Production Well If Not Contaminated. Bdh 05/23/08		
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372C		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C15
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000267279**

Permit #:	244247-	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-09-17
Expiration Date:	Not Reported	Construction Date:	2003-03-31
Start Use Date:	Not Reported	Pump Install Date:	2003-07-08
Well Plug Date:	2009-01-23	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	400	Yield (gpm):	13.19999981
Static Water Depth (ft):	147	Applicant:	BRITTON JAMES V & SHARON A
OGCC ID:	Not Reported		
Comment:	Converted To Monitoring Well In Permit #277616.		
URL:	https://dwr.state.co.us/Tools/WellPermits/0495417		

16
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000562331**

Permit #:	204067-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1997-07-22
Expiration Date:	Not Reported	Construction Date:	1997-09-17
Start Use Date:	Not Reported	Pump Install Date:	2019-08-06
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	480	Top of 1st Perf Casing:	350
Bot of Last Perf Casing:	480	Yield (gpm):	11
Static Water Depth (ft):	203	Applicant:	OBRIEN, JOHN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0417767		

17
NNE
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000207925**

Permit #:	199810-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported

Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-11-26
Expiration Date:	Not Reported	Construction Date:	1997-06-12
Start Use Date:	Not Reported	Pump Install Date:	1997-06-13
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	500	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	500	Yield (gpm):	10
Static Water Depth (ft):	218	Applicant:	PIPER, GARY R
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0407023		

E18
NE
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000222903**

Permit #:	210089-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	38.5
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-06-03
Expiration Date:	Not Reported	Construction Date:	1998-08-03
Start Use Date:	Not Reported	Pump Install Date:	1998-08-05
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	345	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	345	Yield (gpm):	9
Static Water Depth (ft):	150	Applicant:	GARDNER, JOHN W
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0429099		

F19
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000101065**

Permit #:	127129-	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	Not Reported
Expiration Date:	Not Reported	Construction Date:	1956-12-31
Start Use Date:	1956-12-31	Pump Install Date:	Not Reported
Well Plug Date:	1982-08-15	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0228854A

G20
NW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000265195**

Permit #:	242015-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-07-02
Expiration Date:	Not Reported	Construction Date:	2002-08-18
Start Use Date:	Not Reported	Pump Install Date:	2002-11-14
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	12.19999981
Static Water Depth (ft):	58	Applicant:	JUAREZ, FERMIN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0492132		

G21
NW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000265196**

Permit #:	242015-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-07-02
Expiration Date:	Not Reported	Construction Date:	2002-08-18
Start Use Date:	Not Reported	Pump Install Date:	2002-11-14
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	12.19999981
Static Water Depth (ft):	58	Applicant:	PESCADOR, ARACELI
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0492132		

F22
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000101064**

Permit #:	127129--A	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0

Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1982-09-08
Expiration Date:	Not Reported	Construction Date:	1982-08-31
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	0
Static Water Depth (ft):	160	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0228854		

E23
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000221237**

Permit #:	208692-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-03-20
Expiration Date:	Not Reported	Construction Date:	1998-05-28
Start Use Date:	Not Reported	Pump Install Date:	1998-06-12
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	320
Bot of Last Perf Casing:	440	Yield (gpm):	13
Static Water Depth (ft):	157	Applicant:	BAAS, YANA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0426895		

24
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000520366**

Permit #:	293-WCB	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1956-01-10
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	394	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOSMER, HAROLD

OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/C010293		

H25
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000206474**

Permit #:	198532-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-09-30
Expiration Date:	Not Reported	Construction Date:	1996-11-06
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	520	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	520	Yield (gpm):	0
Static Water Depth (ft):	216	Applicant:	GOSSANYI, EDUARD C.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0405082		

H26
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000206475**

Permit #:	198532-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-09-30
Expiration Date:	Not Reported	Construction Date:	1996-11-06
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	520	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	520	Yield (gpm):	0
Static Water Depth (ft):	216	Applicant:	WILSON, DOMINIQUE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0405082		

27
NNW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000287480**

Permit #:	259921-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0

Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2004-10-21
Expiration Date:	Not Reported	Construction Date:	2004-11-22
Start Use Date:	Not Reported	Pump Install Date:	2005-04-07
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	435	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	415	Yield (gpm):	13
Static Water Depth (ft):	210	Applicant:	STRAIT, JANELLE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0530298		

I28
North
1/2 - 1 Mile
Higher

CO WELLS **CO9000000219619**

Permit #:	207921-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-01-28
Expiration Date:	Not Reported	Construction Date:	1998-03-26
Start Use Date:	Not Reported	Pump Install Date:	1998-05-01
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	440	Yield (gpm):	14
Static Water Depth (ft):	219	Applicant:	BIRRENBACH, CHUCK
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0424299		

I29
North
1/2 - 1 Mile
Higher

CO WELLS **CO9000000559962**

Permit #:	83464-F	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Commercial	Addtl Well Use:	Irrigation
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	7	Issued Date:	2019-08-05
Expiration Date:	2020-07-31	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0

Static Water Depth (ft):	0	Applicant:	RODRIGUEZ, YAMILET
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3692663		

30
WNW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000288087**

Permit #:	260688-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2004-12-02
Expiration Date:	Not Reported	Construction Date:	2005-10-12
Start Use Date:	Not Reported	Pump Install Date:	2005-12-01
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	420	Yield (gpm):	15
Static Water Depth (ft):	80	Applicant:	PRIEGO, OSCAR P.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0531387		

J31
SSW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000610839**

Permit #:	214757-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-12-15
Expiration Date:	Not Reported	Construction Date:	1999-02-22
Start Use Date:	Not Reported	Pump Install Date:	2022-08-10
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	320	Top of 1st Perf Casing:	220
Bot of Last Perf Casing:	320	Yield (gpm):	12
Static Water Depth (ft):	190	Applicant:	VILLALOBOS, ELPIDIO
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0427474		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J32
SSW
1/2 - 1 Mile
Higher | **CO WELLS** | **CO9000000604230**

Permit #:	195159-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-05-22
Expiration Date:	Not Reported	Construction Date:	1996-06-03
Start Use Date:	Not Reported	Pump Install Date:	2022-06-13
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	320	Top of 1st Perf Casing:	180
Bot of Last Perf Casing:	320	Yield (gpm):	8
Static Water Depth (ft):	160	Applicant:	SOMMER, WILLIAM J
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0399015		

K33
ENE
1/2 - 1 Mile
Higher | **CO WELLS** | **CO9000000577249**

Permit #:	320121-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-01-19
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	CMH HOMES, INC. (BUCKRIDGE, AMY)
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10006517		

34
NE
1/2 - 1 Mile
Higher | **CO WELLS** | **CO9000000323690**

Permit #:	268655-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.31000137
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2006-05-01
Expiration Date:	Not Reported	Construction Date:	2006-05-18
Start Use Date:	Not Reported	Pump Install Date:	2007-01-25
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	473	Top of 1st Perf Casing:	273
Bot of Last Perf Casing:	473	Yield (gpm):	15
Static Water Depth (ft):	210	Applicant:	LOYA, ALEJANDRA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3601757		

K35
ENE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000602431**

Permit #:	320770-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-03-02
Expiration Date:	Not Reported	Construction Date:	2021-04-27
Start Use Date:	Not Reported	Pump Install Date:	2021-04-28
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	380	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	380	Yield (gpm):	11
Static Water Depth (ft):	80	Applicant:	TRAN, ANDY
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10009034		

L36
East
1/2 - 1 Mile
Higher

CO WELLS **CO9000000580955**

Permit #:	323276-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.15000153
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-08-17
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOLGUIN-PEREZ, LUIS A.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10008161		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L37
East
1/2 - 1 Mile
Higher

CO WELLS **CO9000000580956**

Permit #:	323276-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.15000153
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-08-17
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	ALFARO, DAVID M.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10008161		

38
West
1/2 - 1 Mile
Higher

CO WELLS **CO9000000272083**

Permit #:	247294-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2003-01-22
Expiration Date:	Not Reported	Construction Date:	2003-02-13
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	535	Top of 1st Perf Casing:	325
Bot of Last Perf Casing:	535	Yield (gpm):	11
Static Water Depth (ft):	150	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0503322		

39
SSE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000055611**

Permit #:	47853-MH	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-12
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	2008-05-12	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0		
Applicant:	METRO WASTEWATER RECLAMATION DISTRICT		
OGCC ID:	Not Reported	Comment:	One (1) Hole To Be Constructed
URL:	https://dwr.state.co.us/Tools/WellPermits/0047853		

40
West
1/2 - 1 Mile
Lower

CO WELLS **CO9000000270864**

Permit #:	245963-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5230
Well Depth:	0	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	475	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HATHAWAY, MARILYN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0501236		

41
SW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000230869**

Permit #:	215656-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	80
Well Use:	Stock	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1999-02-11
Expiration Date:	Not Reported	Construction Date:	1999-12-17
Start Use Date:	Not Reported	Pump Install Date:	1999-12-22
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	240	Top of 1st Perf Casing:	160
Bot of Last Perf Casing:	240	Yield (gpm):	10
Static Water Depth (ft):	123	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0439805

42
NNW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000273207**

Permit #:	253525-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2003-03-24
Expiration Date:	Not Reported	Construction Date:	2003-06-26
Start Use Date:	Not Reported	Pump Install Date:	2003-07-02
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	240
Bot of Last Perf Casing:	440	Yield (gpm):	13
Static Water Depth (ft):	139	Applicant:	SCHUTTER DONALD J & MEYER TARA L
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0505181		

43
SW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000226745**

Permit #:	212797-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-09-24
Expiration Date:	Not Reported	Construction Date:	1999-05-06
Start Use Date:	Not Reported	Pump Install Date:	2000-10-05
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	540	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	540	Yield (gpm):	15
Static Water Depth (ft):	317	Applicant:	BEAUCHAMP GAYLE LYNNE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0434155		

44
WSW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000364604**

Permit #:	297020-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2015-03-06
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5250
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	KRUSE, JIM
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3668405		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSW
0 - 1/8 Mile

OIL_GAS **COOG30000001934**

API #:	05-001-07398	Well #:	4
Well Name:	HOSMER	Operator:	NORTH AMERICAN RESOURCES COMPAN
Operator #:	63800	Spud Date:	01-FEB-79
Ground Elevation (ft):	5261	Max Measured Depth (ft):	7990
Max Total Vert Depth (ft):	7990	Location Name:	HOSMER-61S64W 34SWNW
Field Name:	JAMBOREE	Facility ID:	201994
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

A2
NW
1/4 - 1/2 Mile

OIL_GAS **COOG30000000878**

API #:	05-001-06279	Well #:	41-33
Well Name:	THOMAS W WAILES	Operator:	UNION PACIFIC RAILROAD CO
Operator #:	91108	Spud Date:	16-MAR-71
Ground Elevation (ft):	5250	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	THOMAS W WAILES-61S64W 33NENE
Field Name:	JAMBOREE	Facility ID:	200876
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

A3
NW
1/4 - 1/2 Mile

OIL_GAS **COOG30000002162**

API #:	05-001-07626	Well #:	1-X
Well Name:	WAILES 41-33 (OWP)	Operator:	PAINTED PEGASUS PETROLEUM LLC
Operator #:	10711	Spud Date:	17-JUN-80
Ground Elevation (ft):	5255	Max Measured Depth (ft):	7990
Max Total Vert Depth (ft):	0	Location Name:	WAILES 41-33-61S64W 33NENE
Field Name:	JAMBOREE	Facility ID:	202221
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

4
South
1/4 - 1/2 Mile

OIL_GAS **COOG30000000872**

API #:	05-001-06273	Well #:	14-34 (OWP)
Well Name:	HOSMER	Operator:	PAINTED PEGASUS PETROLEUM LLC
Operator #:	10711	Spud Date:	07-APR-77
Ground Elevation (ft):	5268	Max Measured Depth (ft):	8015
Max Total Vert Depth (ft):	8015	Location Name:	HOSMER-61S64W 34SWSW
Field Name:	JAMBOREE	Facility ID:	200870
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

5
East **OIL_GAS** **COOG30000000838**
1/4 - 1/2 Mile

API #:	05-001-06239	Well #:	2
Well Name:	HOSMER	Operator:	VESSELS* TOM
Operator #:	93206	Spud Date:	09-JAN-71
Ground Elevation (ft):	5301	Max Measured Depth (ft):	7980
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-61S64W 34SWNE
Field Name:	JAMBOREE	Facility ID:	200836
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

6
West **OIL_GAS** **COOG30000000854**
1/4 - 1/2 Mile

API #:	05-001-06255	Well #:	1
Well Name:	WAILES (THOMAS) 32-33	Operator:	ENERVEST OPERATING LLC
Operator #:	10098	Spud Date:	28-FEB-71
Ground Elevation (ft):	5221	Max Measured Depth (ft):	7975
Max Total Vert Depth (ft):	7975	Location Name:	WAILES (THOMAS) 32-33-61S64W 33SWNE
Field Name:	JAMBOREE	Facility ID:	200852
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

7
SW **OIL_GAS** **COOG30000001858**
1/2 - 1 Mile

API #:	05-001-07317	Well #:	2
Well Name:	UPRR 23 PAN AM B	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	08-APR-78
Ground Elevation (ft):	5282	Max Measured Depth (ft):	8100
Max Total Vert Depth (ft):	0	Location Name:	UPRR 23 PAN AM B-61S64W 33SWSE
Field Name:	JAMBOREE	Facility ID:	201913
Facility Type:	WELL	Facility Status:	Producing Well.

8
NE **OIL_GAS** **COOG30000000809**
1/2 - 1 Mile

API #:	05-001-06210	Well #:	1
Well Name:	UPRR 23 PAN AM A	Operator:	AMOCO PRODUCTION COMPANY
Operator #:	2500	Spud Date:	01-OCT-70
Ground Elevation (ft):	5299	Max Measured Depth (ft):	7953
Max Total Vert Depth (ft):	7953	Location Name:	UPRR 23 PAN AM A-61S64W 27SWSE
Field Name:	JAMBOREE	Facility ID:	200807
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

Map ID
Direction
Distance

Database EDR ID Number

9
SE
1/2 - 1 Mile

OIL_GAS **COOG30000001879**

API #:	05-001-07338	Well #:	3
Well Name:	HOSMER	Operator:	VESSELS OIL & GAS COMPANY
Operator #:	93200	Spud Date:	28-JUN-78
Ground Elevation (ft):	5335	Max Measured Depth (ft):	7991
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-61S64W 34SWSE
Field Name:	JAMBOREE	Facility ID:	201934
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

10
NW
1/2 - 1 Mile

OIL_GAS **COOG30000001881**

API #:	05-001-07342	Well #:	2
Well Name:	HOSMER HAROLD W.	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	24-JUN-78
Ground Elevation (ft):	5232	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	HOSMER HAROLD W.-61S64W 28SWSE
Field Name:	JAMBOREE	Facility ID:	201938
Facility Type:	WELL	Facility Status:	Producing Well.

11
SE
1/2 - 1 Mile

OIL_GAS **COOG30000003284**

API #:	05-001-08860	Well #:	34-34
Well Name:	CAITLIN	Operator:	TANDEM OIL CO
Operator #:	85552	Spud Date:	14-APR-88
Ground Elevation (ft):	5339	Max Measured Depth (ft):	7965
Max Total Vert Depth (ft):	7965	Location Name:	CAITLIN-61S64W 34SWSE
Field Name:	JAMBOREE	Facility ID:	203351
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

12
ENE
1/2 - 1 Mile

OIL_GAS **COOG30000000774**

API #:	05-001-06176	Well #:	1
Well Name:	HOSMER	Operator:	GREAT WESTERN OPERATING COMPANY
Operator #:	10110	Spud Date:	01-JUL-70
Ground Elevation (ft):	5281	Max Measured Depth (ft):	7932
Max Total Vert Depth (ft):	0	Location Name:	GREAT WESTERN HOSMER 1
Field Name:	JAMBOREE	Facility ID:	200773
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

Map ID
Direction
Distance

Database EDR ID Number

13
SSE **OIL_GAS** **COOG30000001878**
1/2 - 1 Mile

API #:	05-001-07337	Well #:	2
Well Name:	UPRR 24 PAN AM C	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	14-JUN-78
Ground Elevation (ft):	5294	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	UPRR 24 PAN AM C-62S64W 3NENW
Field Name:	JAMBOREE	Facility ID:	201933
Facility Type:	WELL	Facility Status:	Producing Well.

14
ESE **OIL_GAS** **COOG30000003309**
1/2 - 1 Mile

API #:	05-001-08887	Well #:	34-43
Well Name:	HOSMER	Operator:	PAR PACIFIC HOLDINGS INC
Operator #:	16800	Spud Date:	20-NOV-88
Ground Elevation (ft):	5305	Max Measured Depth (ft):	7976
Max Total Vert Depth (ft):	7976	Location Name:	HOSMER-61S64W 34NESE
Field Name:	JAMBOREE	Facility ID:	203378
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

15
SSW **OIL_GAS** **COOG30000003402**
1/2 - 1 Mile

API #:	05-001-09049	Well #:	4-1
Well Name:	HOSMER	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-DEC-91
Ground Elevation (ft):	5305	Max Measured Depth (ft):	8042
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-62S64W 4NENE
Field Name:	JAMBOREE	Facility ID:	203489
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

16
SW **OIL_GAS** **COOG30000004014**
1/2 - 1 Mile

API #:	05-001-09733	Well #:	4-2
Well Name:	HOSMER	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	12-MAY-12
Ground Elevation (ft):	5274	Max Measured Depth (ft):	8101
Max Total Vert Depth (ft):	0	Location Name:	HOSMER 4-2
Field Name:	JAMBOREE	Facility ID:	425173
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

Map ID
Direction
Distance

Database EDR ID Number

17
NW
1/2 - 1 Mile

OIL_GAS **COOG30000002345**

API #:	05-001-07810	Well #:	1 (OWP)
Well Name:	CHAPMAN	Operator:	PETROSHARE CORPORATION
Operator #:	10454	Spud Date:	02-MAR-81
Ground Elevation (ft):	5231	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	CHAPMAN-61S64W 28NWSE
Field Name:	JAMBOREE	Facility ID:	202405
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

18
North
1/2 - 1 Mile

OIL_GAS **COOG30000003416**

API #:	05-001-09066	Well #:	1
Well Name:	SATTERFIELD	Operator:	GOODWIN ENERGY MANAGEMENT LLC
Operator #:	10395	Spud Date:	25-FEB-92
Ground Elevation (ft):	5240	Max Measured Depth (ft):	7950
Max Total Vert Depth (ft):	7950	Location Name:	SATTERFIELD-61S64W 27SWNW
Field Name:	JAMBOREE	Facility ID:	203506
Facility Type:	WELL	Facility Status:	Producing Well.

B19
East
1/2 - 1 Mile

OIL_GAS **COOG30000000795**

API #:	05-001-06197	Well #:	1
Well Name:	UPRR PAN AM 24	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-AUG-70
Ground Elevation (ft):	5254	Max Measured Depth (ft):	7900
Max Total Vert Depth (ft):	7900	Location Name:	UPRR PAN AM 24-61S64W 35SWNW
Field Name:	JAMBOREE	Facility ID:	200794
Facility Type:	WELL	Facility Status:	Producing Well.

B20
East
1/2 - 1 Mile

OIL_GAS **COOG30000000796**

API #:	05-001-06197	Well #:	1
Well Name:	UPRR PAN AM 24	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-AUG-70
Ground Elevation (ft):	5254	Max Measured Depth (ft):	7900
Max Total Vert Depth (ft):	7900	Location Name:	UPRR PAN AM 24-61S64W 35SWNW
Field Name:	JAMBOREE	Facility ID:	200794
Facility Type:	WELL	Facility Status:	Producing Well.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

21
NE
1/2 - 1 Mile

OIL_GAS **COOG30000002962**

API #:	05-001-08429	Well #:	43-27
Well Name:	UPRR HANSON	Operator:	ROCKY MOUNTAIN PROD CO
Operator #:	74890	Spud Date:	03-MAY-84
Ground Elevation (ft):	5234	Max Measured Depth (ft):	7898
Max Total Vert Depth (ft):	7898	Location Name:	UPRR HANSON-61S64W 27NESE
Field Name:	JAMBOREE	Facility ID:	203023
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CO Radon

Radon Test Results

Zip	Total Sites	Avg	% sites<=4 pCi/L	% sites>4&<10 pCi/L	% sites>=10&<20 pCi/L	% sites>20 pCi/L
80642	1	3.30	100.00	0.00	0.00	0.00

Federal EPA Radon Zone for ADAMS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 80642

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data
Source: Division of Wildlife
Telephone: 970-416-3360

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Colorado GIS Well Database
Source: Office of State Engineer, Division of Water Resources
Telephone: 303-866-3581
The GIS Well database includes all wells that the Division of Water Resources permits.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations
Source: Department of Natural Resources
Telephone: 303-894-2100

RADON

State Database: CO Radon
Source: Department of Public Health & Environment
Telephone: 303-692-3090
Radon Study in Colorado

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D
Site Background Questionnaire

The ASTM Standard (E 1527-21, Section 10) for Phase I Environmental Site Assessments requires interviews with past and present owners and occupants of the property in order to obtain information on the history and uses of the property. Please answer the questions below to the best of your knowledge. Please provide additional information for all YES answers.

1. **Current Property Uses and Buildings:**

How long have you owned or occupied the property?

Owned since 2017

Describe the current uses of the property.

Ranch and barn

How long has the property been used for these purposes?

6 years

Describe any buildings on the property and indicate the years they were constructed.

A barn built in 2018

2. **Past Uses:** Describe the past use(s) of the property and indicate the time period for each use, if known.

Crop farming

3. **Previous Owners/Operators:** Please identify previous owners and operators and provide their contact information (if available).

Ladonna Hossmer, granddaughter of the original owner

4. **Industrial Uses:** Please indicate whether the property or adjoining properties have been used for the following industrial uses. **Adjoining properties** include properties that are across the street from yours.

Industrial Use	Yes (Property)	Yes (Adjoining Property)	No
Gasoline Station	☐	☐	☑
Printing Facility	☐	☐	☑
Metal Plating Manufacturing	☐	☐	☑
Landfill	☐	☐	☑
Auto Repair/Service Facility	☐	☐	☑
Dry Cleaners	☐	☐	☑
Junkyard/Auto Dismantling	☐	☐	☑
Waste Treatment	☐	☐	☑
Other Industrial Use (please describe below):	☐	☐	☑

5. **Agricultural Uses:** Has the subject property ever been used for agricultural purposes?
☑ Yes ☐ No ☐ Unknown

If yes, please indicate whether any of the following have been present on the subject property.

Agricultural Use	Yes	No	Location
Cattle Hoof Wash	☐	☑	
Wheel Wash, Copper Solution or Other	☐	☑	
Orchards	☐	☑	Location, type, duration:
Orchard Heaters/Smudge Pots	☐	☑	
Pesticide/Herbicide/Fungicide Storage	☐	☑	Location, type, duration:
Pesticide/Herbicide/Fungicide Application	☐	☑	Location, type, duration:

6. **Dump/Burn Areas:** Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped above ground, buried, or burned on the property?
☐ Yes ☑ No ☐ Unknown

If yes, please describe:

7. **Hazardous Substances Storage:** Have any of the following items been stored on the property in containers *greater than 5 gallons*? If yes, please describe.

Substance	Yes	No	Substance and Container Size (e.g., waste oil in 55-gallon drum)
Paint	☐	☑	
Chemicals	☐	☑	
Solvents	☐	☑	
Pesticides	☐	☑	
Fuel	☐	☑	
Oil	☐	☑	
Other (please identify):	☐	☑	

8. **Hazardous Substances Spills:** Have there been spills of the substances in Question 6?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

9. **Pipelines:** Have hazardous substances or petroleum products been transferred across the property in pipelines, either above or below ground?

☑ Yes ☐ No ☐ Unknown

If yes, please provide the type of hazardous substance:

Natural gas line (east-west trending), approximately 150 feet of the south property line

Have any spills occurred?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

10. **Fill Dirt:** Has fill dirt been brought onto the property from an off-site source?

☐ Yes ☑ No ☐ Unknown

If yes, what was the source of fill dirt?

If yes, was/is there evidence that the fill dirt in may be contaminated?

☐ Yes ☐ No ☐ Unknown

If yes, please provide soil sampling data, if available, or describe other evidence:

11. **Pits, Ponds, and Lagoons:** Are there currently any pits, ponds, or lagoons on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

Have any pits, ponds, or lagoons previously existed on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

12. **Stained Soil:** Are there currently any areas on the property with stained soil?

☐ Yes ☑ No ☐ Unknown

If yes, please describe where, the size of stain, if there were odors, etc.:

Has stained soil previously existed on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe where, size of stain, if there were odors, etc.:

13. **Storage Tanks:** Do underground or aboveground storage tanks exist or have they existed previously on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please provide details below. If tanks previously existed on the property, please describe how they were closed (e.g., removed, abandoned in place).

Tank Size	Year Installed	Contents	Closure Method (if applicable)	Year Closed (if applicable)

14. **Fill Pipes/Vent Pipes/Access Ways:** Do fill pipes, vent pipes, or access ways indicating the presence of underground storage tanks currently exist on the property?

☐ Yes ☑ No ☐ Unknown

Have fill pipes or vent pipes, which may indicate the presence of an underground storage tank, been removed from the property?

☐ Yes ☑ No ☐ Unknown

15. **Floor Drains:** Are floor drains stained with anything other than water or do they emit foul odors on the property?

☐ Yes ☑ No ☐ Unknown

16. **Private Well/Non-Public Water Source:** Is the property served by a private well or other non-public water source?

☑ Yes ☐ No ☐ Unknown

If yes, please describe source

Are contaminants known to exist in any private well or non-public water system serving the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

17. **Wastewater:** Does the property discharge wastewater, other than domestic wastewater or stormwater, into the sewer?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

Does a neighboring property discharge wastewater, other than stormwater, onto the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

Other than permission for domestic hookup, has any type of permit(s) for wastewater discharge been issued to the property?

☐ Yes ☐ No ☐ Unknown

If yes, please describe

18. **Septic Tank:** Does a septic tank exist, or has one existed previously at the property?

☑ Yes (currently exists) ☐ Yes (previously existed, was removed) ☐ No ☐ Unknown

19. Cesspools/Cisterns: Do cesspools or cisterns currently exist on the property?

☐ Yes (cesspool) ☐ Yes (cistern) ☑ No ☐ Unknown

Have cesspools or cisterns previously existed on the property?

☐ Yes (cesspool) ☐ Yes (cistern) ☑ No ☐ Unknown

20. Transformer/Capacitor: Is there a transformer or capacitor on the property?

☑ Yes ☐ No ☐ Unknown installed in 2018

If yes, is it known to contain PCBs?

☐ Yes ☑ No ☐ Unknown _____

21. Hydraulic Equipment: Is there any hydraulic equipment such as automobile lifts or elevators on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe type and number of equipment:

If yes, is the hydraulic oil known to contain PCBs?

☐ Yes ☐ No ☐ Unknown

22. Surveys: Has an asbestos and/or lead based paint survey been conducted at the property?

☐ Yes ☑ No ☐ Unknown

If yes, when was the survey(s) conducted? Please provide copies of the reports if available.

23. Pesticides: Have pesticides, herbicides, or insecticides been applied on the property?

☐ Yes ☑ No ☐ Unknown

If yes, describe type and when they were used:

24. Environmental Cleanups: Are you aware of any environmental cleanups/remediation that have occurred on the property?

☐ Yes ☑ No ☐ Unknown

25. Notice of Violation: Have notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products associated with activities conducted on the property been issued?

☐ Yes ☑ No ☐ Unknown

26. Documents: Has the property been included in any of the following documents? (Please provide any of the available documents.)

Document	Yes	No	Unknown
Phase I or II Environmental Assessment Reports	☐	☑	☐
Environmental Compliance Audits	☐	☑	☐
Environmental Permits	☐	☑	☐
Underground or Aboveground Tank Registrations	☐	☑	☐
Underground Injection System Registrations	☐	☑	☐
Health & Safety Plan / Safety Data Sheets	☐	☑	☐
Community Right-to-Know Plan	☐	☑	☐
Spill Prevention, Control, and Countermeasure Plan	☐	☑	☐
Hazardous Materials Business Plan	☐	☑	☐
Sampling, Remediation, or Risk Assessment Reports	☐	☑	☐
Hazardous Waste Generator Manifests	☐	☑	☐
Geotechnical Reports	☐	☑	☐

27. **Environmental** Assessments**:** Are there any other environmental assessments that identified hazardous substances or petroleum products on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

28. **Litigation/Administrative Proceedings:** Is there any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products associated with the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

29. **Additional Knowledge:** Are you aware of any other information (not provided above) about the property related to a releases or potential release of hazardous substances or petroleum products?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

Answers dictated to S. Smith of Dudek via phone — 6/14/2024

Signature — Date

Ryan Specht

Name (Printed)

☑ Owner ☐ Occupant ☐ Owner Representative

Property Address: Cavanaugh Road

Phase I Environmental Site Assessment

Prairie Pass Project
12500 Cavanaugh Road
Hudson, Colorado

JUNE 2024

Prepared for:

JUPITER POWER

Prepared by:

DUDEK

Corporate Office:
605 Third Street
Encinitas, California 92024

Susie Smith, PG
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I City Directory Report
J Environmental Lien Search Report
K Vapor Encroachment Report

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EDR	Environmental Data Resources
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
REC	recognized environmental condition
VEC	vapor encroachment condition

1 Executive Summary

Dudek conducted a Phase I Environmental Site Assessment (ESA) for the Prairie Pass Project located at 12500 Cavanaugh Road in Hudson, Adams County, California (subject property; see Figure 1, Subject Property Location). The subject property consists of approximately 36 acres of land located within one parcel of land (Parcel ID 156534200004).

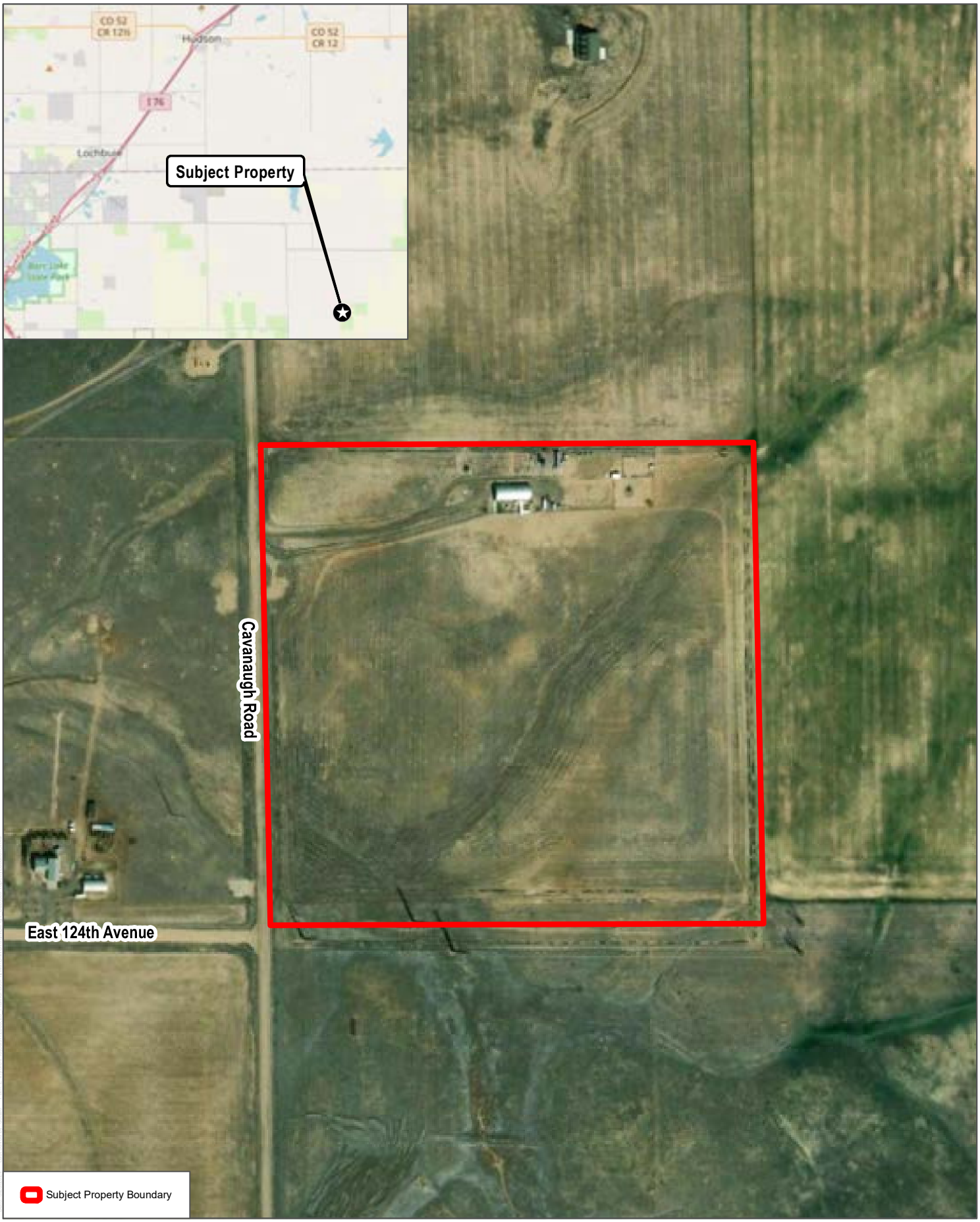
The findings of this investigation are based on historical sources, information contained in regulatory agency databases, and a site reconnaissance.

Information gathered for this report indicated the following:

- The subject property has been vacant, tilled grassland between at least 1937 through 1975, before oil and gas exploration in 1979. The oil and gas development consisted of a small tank farm located on the western boundary of the subject property that were connected to a well in the central portion of the subject property. Pumping units were not observed in the central portion of the subject property and the well was plugged and abandoned by 2000. By 2006, the tank farm and oil well were no longer observed. A small, fenced area with two small diameter vertical pipes was observed in the former tank farm area. A house was constructed on the northern portion of the subject property in 2018.
  - While oil and gas exploration activities would typically constitute a recognized environmental condition, based on the modern drilling practices and regulations, absence of staining or denuded vegetation, and the status of the well (plugged), this is considered to represent de minimis conditions.
- Two Activity and Use Limitations were identified for the subject property parcel pertaining to a Transmission and Access Easement Agreement from 2021 and a Memorandum of Energy Storage Lease and Easement Agreement from April 2024. These records do not indicate a spill or release of hazardous materials to the environment and are therefore, unlikely to have impacted the environmental conditions of the subject property.
- The subject property is adjoined to the south by a substation. The rest of the adjoining and surrounding properties include a mix of vacant and tilled land and scattered rural residences.

This assessment revealed no evidence of recognized environmental conditions (RECs), controlled RECs, historical RECs, vapor encroachment conditions (VECs), or significant data gaps in connection with the subject property.

Dudek performed this Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard E2247-16. This report summarizes the research and findings of the Phase I ESA. Data gaps, which were determined not to be significant, are discussed in Chapter 13, Limitations.



SOURCE: ESRI Imagery

DUDEK

0 150 300 Feet

FIGURE 1

Subject Property Location

Prairie Pass - Phase I Environmental Site Assessment

2 Introduction

This Phase I ESA was performed according to the guidelines stipulated in ASTM Standard E2247-16, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Properties (ASTM 2016). This Phase I ESA was conducted on behalf of Jupiter Power as part of environmental due diligence for the development of a renewable energy project on the subject property.

The subject property is located at 12500 Cavanaugh Road, in an unincorporated area in Adams County, Colorado (Figure 1) and consists of approximately 36 acres of land within a single parcel (Parcel ID 156534200004). The subject property is further described in Chapter 3, Site Location.

2.1 Assessment Procedure and Scope of Investigation

Phase I ESAs assist in identifying past and present land use, including identification of possible releases or disposal of manufacturing or other wastes if such information is contained within regulatory reports or files and/or is currently visible on site. The assessment reviews local, county, state, and U.S. Environmental Protection Agency (EPA) lists of known or potentially hazardous waste sites, landfills, and locations currently under investigation for environmental violations that may be of concern to a site.

The scope of this environmental investigation consisted of (1) a reconnaissance of the subject property; (2) a search of regulatory agency records; (3) a review of available historical aerial photographs, topographic maps, Sanborn fire insurance maps, city directory listings, and building department records; (4) an interview with the subject property owner and the user of this report; (5) an evaluation of the potential for vapor intrusion risk; (6) an environmental lien search; and (7) preparation of this Phase I ESA report detailing the findings of the investigation.

These activities were conducted to identify RECs. The term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at the subject property due to a release, likely release, past release, or material threat of a future release to the environment.

The term "controlled recognized environmental condition" (controlled REC) is an environmental condition that would have been considered a REC in the past but has been remediated and received risk-based closure by a regulatory agency (i.e., no further action letter) where residual contamination remains in place. Furthermore, the term "controlled REC" is used if the property is subject to a control or use restriction (i.e., property use restrictions, activity and use limitations, institutional controls, or engineering controls) due to residual on-site contamination.

The term "historical recognized environmental condition" (historical REC) is an environmental condition that would have been considered a REC in the past but has been remediated and received unrestricted residential use closure by the regulatory agency. Therefore, no controls or use restrictions have been applied to the property.

The term REC is not intended to include de minimis conditions. De minimis conditions are conditions that generally do not present a material risk of harm to public health or the environment, and thus would not be the subject of an enforcement action if brought to the attention of governmental agencies.

2.2 Qualifications of Environmental Professionals

This Phase I ESA was prepared by Susan Smith, geologist; Stephanie Chao, environmental engineer; and Keenan Soto, biologist. Qualifications for Ms. Smith, Ms. Chao, and Mr. Soto are presented in Appendix A.

I, Susan Smith, declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in Section 312.10 of 40 Code of Federal Regulations Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 Code of Federal Regulations Part 312.

3 Site Location

The subject property is approximately 10.4 miles southeast of the City of Hudson in Adams County, Colorado. The subject property is located adjoining to the east of County Road 27, also known as Cavanaugh Road, and is also adjoining to the northeast of East 124th Avenue. The subject property consists of approximately 36 acres of land within a single parcel (Parcel ID 156534200004). The subject property currently consists of predominantly vacant-tilled land in the southern region and a rural residence in the northern region. The subject property location and boundary are shown on Figure 1 and subject property features are shown on Figure 2 (see Figure 2, Subject Property Features).

The subject property is adjoined to the south by a substation, and a mix of vacant-tilled land and rural residences to the east, north, and west.

The surrounding properties consist of a mix of scattered rural residences, and a mix of vacant and tilled land.

SOURCE: ESRI Imagery

DUDEK

0 145 290 Feet

FIGURE 2

Subject Property Features

Prairie Pass - Phase I Environmental Site Assessment

4 Environmental Setting

4.1 Topography and Geology

The subject property is in Adams County, approximately 10.4 miles southeast of the City of Hudson. The subject property is adjoining to the northeast of the Cavanaugh Road and East 124th Avenue intersection, which is approximately 6.7 miles west of the Colorado Highway 79.

General topographic information for the subject property and the surrounding area was obtained from a review of topographic maps (Appendix B), the Environmental Data Resources (EDR) Radius Map Report (Appendix C), and a site visit. The subject property has a very slight downward topographic gradient to the southwest with an average elevation of 5,261 feet above mean sea level.

No subsurface geologic investigations were performed as part of this Phase I ESA. According to the EDR Radius Map Report (Appendix C), the subject property is underlain by Adena and Wiley loam, which are characterized as soils with moderately fine or fine textures and that are well-drained with slow infiltration rates.

4.2 Groundwater

Based on sources searched by EDR, 44 water wells were mapped within 1 mile of the subject property. The static water level for a well located approximately 0.27 miles west of the subject property was reportedly 140 feet below ground surface. Dudek also reviewed the Colorado Division of Water Resources Map Viewer to obtain information about nearby wells. A water well located approximately 1.35 miles southwest of the subject property had a reported depth to groundwater of121.70 feet below ground surface when measured in May 1977 (CODWR 2024).

4.3 Agricultural Use

The subject property consists of predominantly vacant-tilled land and a rural residence. Pesticides and herbicides used prior to 1990 were likely to contain organochlorinated compounds, such as chlordane, DDT, and DDE, or metals, such as arsenic. The chemicals of concern associated with these compounds are accumulative and persistent in shallow soils. Therefore, the longer a property is used for agricultural purposes, the more likely there is an accumulation of these chemicals of concern. The subject property has been tilled grassland since as early as 1937; not evidence of irrigation was observed during the site reconnaissance. As such, if any farming operations were performed, it is likely that this included dry farming which is not commonly associated with the use of pesticides or herbicides. Additionally, the subject property owner stated that pesticides and herbicides are not used. Considering the type of farming operations (dry farming) and the proposed property use (renewable energy), it is unlikely that pesticide- and herbicide-related compounds would be found at concentrations above risk-based levels. As such, agricultural use is not considered to represent a REC.

5 Public Agency Records Search

The regulatory database search gives a listing of sites within a 1-mile radius of the subject property ("target property" is the term used by EDR) that are known to be chemical handlers or hazardous waste generators or have reported releases of hazardous substances or petroleum products. Information in these listings includes the location of the site relative to the subject property, the type of potential environmental concern present, and the status of the site. On April 19, 2024, EDR provided the database search for this Phase I ESA.

Table 1 summarizes the databases that were searched that provide information on hazardous materials and petroleum products on the subject property. The table also indicates the search distances from the subject property and the number of sites identified in each database. The comprehensive list of databases is included in the EDR Radius Map Report (Appendix C).

Table 1. Regulatory Database Search Summary

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
NPL	National Priorities List (including proposed NPL sites and NPL Liens [target property only])	1 mile	No	0
Proposed NPL	Sites proposed for NPL	1 mile	No	0
NPL LIENS	Federal Superfund Liens	1 mile	No	0
Delisted NPL	National Priority List Deletions	1 mile	No	0
CERCLIS – Federal Facility	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) with U.S. Environmental Protection Agency Federal Restoration and Reuse Office involvement	0.5 miles	No	0
CERCLIS – SEMS	CERCLA Superfund Enterprise Management System	0.5 miles	No	0
CERCLIS NFRAP (SEMS ARCHIVE)	CERCLA Superfund Enterprise Management System Archive	0.5 miles	No	0
CORRACTS	Resource Conservation and Recovery Act (RCRA) Corrective Action	1 mile	No	0
RCRA TSDF	RCRA - Transportation, Storage, and Disposal Facilities	0.5 miles	No	0
RCRA-LQG	RCRA Large Quantity Generators	0.25 miles	No	0
RCRA-SQG	RCRA Small Quantity Generators	0.25 miles	No	0
RCRA-VSQG	RCRA Very Small Quantity Generators	0.25 miles	No	0
ERNS	Emergency Response Notification System	Target property	No	0
LUCIS	Institutional Control/Engineering Control	0.5 miles	No	0
US/OR ENG CONTROLS	Sites with Engineering Controls	0.5 miles	No	0
US/OR INST CONTROLS	Sites with Institutional Controls	0.5 miles	No	0

Table 1. Regulatory Database Search Summary

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
SWF/LF	State and Tribal Landfill and/or Solid Waste Disposal Site	0.5 miles	No	0
SHWF	State and Tribal Solid Waste Information System Listing	0.5 miles	No	0
LAST	State Leaking Aboveground Storage Tank	0.5 miles	No	0
LTANKS	State and Tribal Petroleum Release Events Listing	0.5 miles	No	0
LUST	State Leaking Underground Storage Tank	0.5 miles	No	0
Indian LUST	Tribal Leaking Underground Storage Tank	0.5 miles	No	0
LUST TRUST	State and Tribal LUST Trust Site	0.5 miles	No	0
AST	State and Tribal Registered Aboveground Storage Tank	0.25 miles	No	0
UST	State and Tribal Registered Underground Storage Tank	0.25 miles	No	0
Indian UST	Registered Underground Storage Tank on Tribal Land	0.25 miles	No	0
FEMA UST	FEMA-Owned Registered Storage Tank	0.25 miles	No	0
AUL	State and Tribal Environmental Real Covenants List	0.5 miles	No	0
Indian VCP	Voluntary Cleanup on Tribal Land	0.5 miles	No	0
VCP	State and Tribal Voluntary Cleanup	0.5 miles	No	0
Brownfields	State and Tribal Brownfields	0.5 miles	No	0
Additional Environmental Records, including local lists		*Varies*	*No*	*2*

Note: The search distances in the Environmental Data Resources (EDR) report and listed in this table are equal to or greater than the search distances required by ASTM Standard E2247-16.

5.1 Subject Property

EDR did not identify listings for the subject property.

5.2 Adjoining Properties

EDR identified two listings for adjoining properties.

HRM Resources II, LLC – Wailes 41-33 #1X, was identified at "Denver 3.4 mi. N of, CO", on the northwestern adjoining property. The site was listed in the Per- and Poly-Fluorinated Substances Enforcement and Compliance History Information (PFAS ECHO) database as a site that may have handled PFAS. The site was identified as inactive oil and gas site with no noted violations. This database listing does not indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

US Exploration Wailes 1X 41-33, was identified at the latitude/longitude coordinates "39.925076, -104.548927", on the northwestern adjoining property, approximately 0.19 miles northwest of the subject property. The site was listed in the PFAS ECHO database as a site that may have handled PFAS. The site was identified as inactive oil and gas site with no noted violations. This database listing does not indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

5.3 Nearby Properties

EDR did not identify any additional sites within 1 mile of the subject property.

5.4 Unmapped Sites

Unmapped sites are flagged by EDR, but not mapped due to insufficient address information. They are usually included in the database search report because they are in the same zip code as the subject property. The EDR Report did not identify any unmapped sites.

6 Interviews

6.1 Site Representative Interview

Dudek representative, Susan Smith, interviewed Ryan Specht (owner of the subject property), over the phone on June 14, 2024. A copy of the questionnaire used during the interview, and responses provided by Mr. Specht, are presented in Appendix D. Below is a summary of Mr. Specht's responses.

- Mr. Specht purchased the subject property in 2017.
- Mr. Specht stated that the subject property is used as a ranch and residential home and has been used as such for 6 years; the home was constructed in 2018.
- Mr. Specht stated that the subject property was previously
- The previous owner of the subject property was the granddaughter of the original owner.
- Mr. Specht was not aware of industrial use on the subject property or adjoining properties.
- Mr. Specht stated that the subject property was previously used for crop farming.
- Mr. Specht stated that an oil and gas well is located on the western boundary of the subject property; piping was removed 2 to 3 years ago.
- Mr. Specht was not aware of hazardous substances spills or hazardous materials pipelines on the subject property.
- The subject property is served by a private well or non-public water source.
- A septic tank exists on the subject property that services the house. T
- Mr. Specht was unaware of any cleanups, previous violations, litigations, or other environmental studies conducted on the subject property.

6.2 User-Provided Information

In accordance with ASTM E2247-16, to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the tasks outlined in Sections 6.2 through 6.9 of ASTM E2247-16 must be completed, including a search for environmental liens and activity and use limitations. To facilitate this requirement, Dudek sent the following questions to the user of this report. Answers to these questions fulfill the requirement of Sections 6.2 through 6.9 of the ASTM Standard. Andrew Bowman of Jupiter Power provided the following responses via email on June 25, 2024.

1. **Question:** Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

   Response: No

2. **Question:** Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

   Response: No There are a number of mineral/oil/gas title encumbrances on the property shown on a title commitment from First American. This title commitment has been provided to the environmental

professional, Dudek, with comments from Jupiter's real estate counsel. An ALTA is currently being prepared to further assist if needed. Dudek also made Jupiter aware of a required Adams County 50 ft oil & gas setback that would apply to the plugged oil and gas well on-site.

3. **Question:** As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   Response: No

4. **Question:** Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

   Response: The real estate contract is a lease but yes, it reasonably reflects FMV.

5. **Question:** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? (a) Do you know the past uses of the property, (b) do you know of specific chemicals that are present or once were present at the property, (c) do you know of spills or other chemical releases that have taken place at the property, or (d) do you know of any environmental cleanups that have taken place at the property?

   Response: Yes, there is a single plugged oil and gas well located on the project site (a) Family residence, agricultural & grazing property as well as oil & gas extraction (b) No (c) No (d) No

6. **Question:** As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

   Response: No

6.3 Local Agency Records

6.3.1 State of Colorado

6.3.1.1 Colorado Department of Public Health and Environment

Dudek contacted the Colorado Department of Public Health and Environment on May 6, 2024, to obtain records pertaining to hazardous materials and chemicals, underground storage tanks/aboveground storage tanks, or releases/investigations associated with the subject property. A response was received on May 6, 2024, that no records were identified for the subject property address and that parcel IDs are not able to be searched by the department at this time (Appendix E).

6.3.1.2 Colorado Department of Public Health and Environment – Division of Oil and Public Safety

Dudek searched the Colorado Division of Oil and Public Safety's (OPS) Colorado Storage Tank Information System (COSTIS 2024) and Petroleum Program Map (COOPS 2024) on May 6, 2024, to obtain information pertaining to

storage tanks and/or releases associated with the subject property. The COSTIS database did not identify any records associated with the subject property address or parcel ID. The COOPS map identified a well permit for a residential well on the north-central region of the subject property that was issued in November 2017 (Appendix E). Neither of these database searches identified records that would indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that this site has impacted the environmental conditions of the subject property.

6.3.1.3 Colorado Department of Natural Resources – Energy and Carbon Management Commission

Dudek searched the Colorado Energy and Carbon Management Commission's (ECMC) Interactive Map (ECMC 2024) on May 6, 2024, to obtain information pertaining to wells associated with the subject property. The ECMC Interactive Map identified one well located on the subject property toward the center of the subject property; the well was drilled in 1979 and was subsequently plugged and abandoned in October 2000 (Appendix E). No evidence of pits or sumps associated with the oil wells were observed on aerial photographs (see Section 8, Site History).

The Colorado GIS (COGIS) Inspection and Incident Inquiry database (COGIS 2024) was searched on May 6, 2024, to obtain additional information on wells associated with the subject property. The most recent well inspection report from August 2002 was deemed satisfactory with no violations (Appendix E). A notice of alleged violation was identified from January 2000 that reported the well was shut-in and had not produced since December 1997 and was required to be put in production, pass a mechanical integrity test, or be plugged and abandoned within six months. The violation case was considered closed as of November 2000 (Appendix E).

6.3.2 Adams County

6.3.2.1 E-Permit Center

Dudek searched the Adams County Online Portal E-Permit Center on May 7, 2024, to obtain information pertaining to building permits, land use, infrastructure permits, and enforcement records associated with the subject property (Adams County 2024a). Two building permits were identified for the subject property address. One permit from 2017 was for a residential 42-foot by 90-foot building with water, power, and septic. The other record was for a cancelled building permit from 2018 for a stove and vent set. Two infrastructure permits were identified for the subject property address, one from November 2017 for a utility powerline trench and road bore, and one from December 2017 for culvert access that determined that no culvert was required for the subject property. No land use or enforcement records were identified for the subject property address (Appendix E).

6.3.2.2 GIS Property Search – GIS Open Data Site

Dudek searched the Adams County GIS Interactive Maps – Advanced Maps online database on May 7, 2024, to obtain property information associated with the subject property (Adams County 2024b). The subject property zoning designation was identified as "A-3", which is for agricultural zoning. Two building permits from 2017 and 2018, and two infrastructure permits from 2017 were identified for the subject property that were also previously discussed in Section 6.3.2.1. No other records were identified for the subject property.

6.3.2.3 Colorado Open Records Act Department

Dudek contacted the Adams County Colorado Open Records Act Department on May 7, 2024, to obtain additional property information pertaining to building permits and records, hazardous materials and chemicals, underground storage tanks and aboveground storage tanks, agricultural uses, and releases or investigations associated with the subject property. A response was received on May 9, 2024, that identified multiple records associated with the subject property. Records identified for the subject property included a February 1979 building permit application for a private tank and tank battery (a treater-separator and 300 barrel tank), a 2017 site plan for a future house, transformer, meters, shop, and a shop septic and leach on the subject property, a September 2017 culvert/access permit application for primary access in the northwestern corner of the subject property, an October 2017 residential water well permit application for the construction of a new well for the purposes of ordinary household use, home garden/lawn irrigation, domestic animal watering, and livestock watering, a November 2017 permit to install an on-site wastewater treatment system, a December 2017 review of comments for the construction of a 42-foot by 90-foot steel building with water, power, and septic system, and a November 2018 application fee cancellation/refund request (Appendix E). None of the records identified indicate a spill or release of hazardous materials to the environment; therefore, it is unlikely that these records impacted the environmental conditions of the subject property.

6.3.4 National Pipeline Mapping System

Dudek searched the National Pipeline Mapping System online database, which provides a public map viewer application that displays data related to gas transmission and hazardous liquid pipelines, liquefied natural gas plants, and breakout tanks under Department of Transportation Pipeline and Hazardous Material Safety Administration jurisdiction (DOT 2024). One active hazardous liquid pipeline, filled with “other highly volatile liquids” was identified approximately 0.25 miles southeast of the subject property. No gas transmission pipelines, accidents, or incidents were identified on or within 1 mile of the subject property (Appendix E).

7 Site Reconnaissance

A site reconnaissance was conducted on May 8, 2024, by Keenan Seto of Dudek. The site reconnaissance consisted of walking the subject property, taking notes on observations, and taking photographs. Mr. Seto was accompanied by Michelle Leis of Dudek and the subject property owner during the site reconnaissance. Photographs are presented in Appendix F and features are presented on Figure 2.

7.1 Description of Subject Property and Surroundings

The subject property consists of approximately 36 acres of land on one privately-owned parcel, approximately 5 miles northeast of Denver International Airport, Colorado, at the intersection of County Road 27 and East 124th Avenue in unincorporated Adams County. At the time of the site reconnaissance, the subject property consisted of grassland, transmission lines, a single-family home, and livestock areas (Photographs 1 through 3). A dirt road extends from County Road 27 into the northern section of the property to access the single-family home. Meandering transects were walked throughout the property, with a focus on oil and gas well locations, livestock areas, and infrastructure around the single-family home. Adjacent uses to the subject property include grasslands, single-family homes, and electrical and natural gas infrastructure.

Items and areas of interest noted during the site reconnaissance are described in Section 7.2, Summary of Observations.

7.2 Summary of Observations

Potable Water Supply or Source

A potable water tank was noted on the eastern side of the single-family home. Irrigation infrastructure for growing trees was noted along the subject property boundaries (Photographs 4 and 5).

Sewage Disposal System

No sewage disposal systems were noted in the subject property.

Surface Water Discharge

No surface water discharge was observed during the site visit.

Distressed Vegetation

No distressed vegetation was observed on the subject property.

Indications of Solid Debris Storage

Multiple debris containers were noted east of the single-family home (Photograph 6).

Surface Staining, Corrosion, and Soil Disturbances

No soil disturbances were observed during the site reconnaissance. No staining, including de minimis stains, was observed at the time of site reconnaissance.

Hazardous Material and Petroleum Product Use and Storage

Hazardous material containers were noted on the eastern edge of the single-family home. Two plugged and abandoned oil and gas wells were located on the western boundary of the subject property. Those wells were not mapped by the Colorado Energy and Carbon Management Commission; however, one plugged and abandoned well was mapped in the center of the subject property. The area around the mapped well was investigated; however, no evidence of a well was noted in this location. An electrical transmission box and meter were noted northwest of the single-family home (Photographs 7 through 12).

Unnaturally Discolored Ponds or Flowing Waters

No unnaturally discolored ponds or flowing water were observed on the subject property.

Groundwater Wells, Cisterns, Cesspools, or Septic Tanks

A groundwater well and septic tank were noted in the northwestern section of the subject property (Photographs 13 and 14).

Polychlorinated Biphenyl-Containing Items

Prior to 1978, polychlorinated biphenyls (PCBs) were often used in transformers and capacitors, specifically in cooling oils. PCBs were also used in hydraulic oils. Releases from these types of equipment may have resulted in PCB impacts to surrounding soils. The age of existing equipment may not necessarily indicate the presence of PCBs, because the equipment may have been replaced over time. As such, site history was also reviewed (see Chapter 8).

No evidence of PCB-containing materials was observed during the site reconnaissance.

Sumps or Ponds

No sumps or ponds were observed on the subject property.

Abnormal Odor

No abnormal odors were noted on the subject property.

Tanks, Drums, Totes, and Intermediate Bulk Containers

A water tank was noted on the eastern edge of the single-family home (Photograph 4). No other tanks, drums, totes, and bulk containers were noted in the subject property.

Off-Site Sources

No potential sources for off-site contamination were observed during the site visit.

Fill Material

No evidence of fill material was observed during the site reconnaissance.

Unidentified Substance Containers

No instances of unidentified substance containers were observed on the subject property.

Pipelines

An underground natural gas pipeline corridor was observed in the southern section of the subject property (Photograph 15).

8 Site History

Based on a review of historical aerial photographs, historical topographic maps, agency records, and the city directory report, the subject property has developed. The subject property was vacant tilled land as early as 1937. By 1979, a small tank farm was observed on the western edge of the subject property; a dirt road also was observed extending east from the tank farm to a small cleared area in the center of the subject property. The subject property remained unchanged until the size of the tank farm was reduced after 1999. A rural residence was constructed on the northern region of the subject property sometime around 2018, while the southern regions of the subject property remained vacant land.

There are gaps in site history between 1890 and 1937, 1937 and 1949, 1953 to 1963, 1963 and 1970, 1975 and 1984, 1984 and 1993, and 1999 and 2006. This constitutes a data failure and is discussed further in Chapter 13.

Adjoining and surrounding property uses have included a mix of roadways, vacant and tilled land, and rural residences since 1937 to the present. A substation was observed on the southern adjoining property since at least 2006 to the present.

8.1 Historical Aerial Photographs

Dudek reviewed historical aerial photographs obtained from EDR for 1937, 1949, 1953, 1963, 1970, 1975, 1984, 1993, 1994, 1999, 2006, 2011, 2015, and 2019 (Appendix G). The photographs provided background information to assess the possibility of past activities that could present environmental concerns. The aerial photographs are described in Table 2.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
1937	The subject property is observed as vacant tilled land. A southwest-northeast trending wash is observed intersecting the central region of the subject property. A northwest-southeast trending intermittent stream is observed in the southwestern corner of the subject property.	The northern, eastern, and southwestern adjoining areas are observed as vacant-tilled land. A north-south trending road adjoins to the west of the subject property where present-day Cavanaugh Road can be found. Multiple washes and intermittent streams are depicted in the northeastern, southern, and western adjoining areas. The western and southern adjoining areas are depicted as vacant and undeveloped land. An apparent rural residence is observed approximately 0.25 miles northeast of the subject property. The rest of the surrounding areas are observed as a mix of vacant and undeveloped, and vacant-tilled land.
1949	The western and southern region of the subject property are not visible in the 1949 aerial photograph. The northeastern corner of the subject property appears similar to the 1937 aerial photograph.	The western and southern adjoining and surrounding areas are not visible in the 1949 aerial photograph. The northern and eastern adjoining areas appear similar to the 1937 aerial photograph. The northern, eastern, and northeastern surrounding areas appear similar to the 1937 aerial photograph.
1953	The subject property appears similar to the visible portions of the 1937 and 1949 aerial photographs.	The adjoining and surrounding areas appear similar to the visible portions of the 1937 and 1949 aerial photographs.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
1963	The subject property appears similar to the 1953 aerial photograph.	The western adjoining, northern, northeastern, western, and southwestern surrounding areas are obscured/not clearly visible. The northern, southern, and eastern adjoining areas appear similar to the 1953 aerial photograph. The visible portions of the surrounding areas appear similar to the 1953 aerial photograph.
1970	The soils on the northwestern region of the subject property appear to be disturbed. The rest of the subject property appears similar to the 1963 aerial photograph.	A portion of the northern adjoining area has observed surface soils that have been disturbed. The rest of the adjoining areas appear similar to the visible portions of the 1953 and 1963 aerial photographs. The surrounding areas appear similar to the visible portions of the 1953 and 1963 aerial photographs.
1975	The previously observed surface soil disturbance is no longer observed. The rest of the subject property appears similar to the 1970 aerial photograph.	The adjoining and surrounding areas appear similar to the 1970 aerial photograph.
1984	A small tank farm is observed along the western boundary of the subject property. A dirt road extends from the tank farm area to a small cleared area in the central portion of the subject property. The rest of the subject property appears similar to the 1975 aerial photograph.	An oil derrick and a small tank farm observed adjoining to the northwest of the subject property, on the west side of Cavanaugh Road. Rural development is observed in the northern and southern surrounding areas. The rest of the adjoining and surrounding areas appear similar to the 1975 aerial photograph.
1993	The subject property appears similar to the 1984 aerial photograph.	An apparent well is observed in the northwestern surrounding area. Apparent power transmission lines are observed on the western and southern adjoining areas that extend into the western and southern surrounding areas. The rest of the adjoining and surrounding areas appear similar to the 1984 aerial photograph.
1994	The subject property appears similar to the 1993 aerial photograph.	The adjoining and surrounding areas appear similar to the 1993 aerial photograph.
1999	The subject property appears similar to the 1994 aerial photograph.	Increased rural residential development is observed in the northern surrounding areas. Disturbed surface soils are observed on the northern adjoining area. The rest of the adjoining and surrounding areas appear similar to the 1994 aerial photograph.
2006	The tank farm previously observed on the western boundary of the subject property appears smaller. The dirt road and the cleared area in the center are no longer observed.	A substation is observed on the southern adjoining property. An east-west trending road is observed adjoining to the southwest of the subject property where present-day East 124th Avenue can be found. Additional rural residences are observed on the western and northwestern adjoining properties. The rest of the adjoining and surrounding areas appear similar to the 1999 aerial photograph.

Table 2. Aerial Photographs

Date	Subject Property	Adjoining and Surrounding Properties
2011	The tanks on the western edge of the subject property are no longer present. The remainder of the subject property appears similar to the 2006 aerial photograph.	An additional structure is observed on the western adjoining rural residence. The rest of the adjoining and surrounding areas appear similar to the 2006 aerial photograph.
2015	The subject property appears similar to the 2011 aerial photograph.	The adjoining and surrounding areas appear similar to the 2011 aerial photograph.
2019	A rural residence is observed on the northern region of the subject property. The rest of the subject property appears similar to the 2015 aerial photograph.	A rural residence is observed on the northern adjoining property. The rest of the adjoining and surrounding areas appear similar to the 2015 aerial photograph.

Note: See Appendix G for corresponding photographs for 1937 through 2019.

8.2 Historical Topographic Maps

Dudek reviewed historical topographic maps from 1890, 1952, 2013, 2016, 2019, and 2022 (Appendix B). The topographic maps are a historical source that can be used to document the prior use of the subject property and surrounding area. The topographic maps are described in Table 3.

Table 3. Topographic Maps

Date	Subject Property	Adjoining and Surrounding Properties
1890	The subject property is depicted as vacant and undeveloped land with portions of an intermittent stream in the central and northeastern regions of the subject property.	Intermittent streams are depicted on the northern, eastern, and southern adjoining areas as well as all of the greater surrounding areas. All of the adjoining and surrounding areas are depicted as vacant and undeveloped land.
1952	The subject property is depicted as vacant and undeveloped land with a portion of an intermittent stream in its southwestern corner.	The intermittent stream depicted on the subject property extends into the western and southern adjoining and surrounding areas. A north-south trending road is depicted adjoining to the west of the subject property where present-day Cavanaugh Road can be found. A windmill is depicted in the western adjoining area. Multiple small structures are depicted in the northeastern and northern surrounding areas. The rest of the adjoining and surrounding areas are depicted as vacant and undeveloped land.
2013	Individual structures and site features are no longer depicted in the 2013 topographic map. The subject property is only depicted with a portion of an intermittent stream in its southwestern corner.	Individual structures and site features are no longer depicted in the 2013 topographic map. There is an intermittent stream that extends from the subject property into the western and southern adjoining and surrounding areas. The adjoining and surrounding areas are depicted with a network of roads and multiple intermittent streams.
2016	The subject property is depicted similarly to the 2013 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2013 topographic map.

Table 3. Topographic Maps

Date	Subject Property	Adjoining and Surrounding Properties
2019	The subject property is depicted similarly to the 2016 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2016 topographic map.
2022	The subject property is depicted similarly to the 2019 topographic map.	The adjoining and surrounding areas are depicted similarly to the 2019 topographic map.

Note: See Appendix B for corresponding maps.

8.3 Fire Insurance Maps

Historical Sanborn fire insurance maps were requested from EDR. Sanborn maps provide information regarding historical uses of a subject property and surrounding properties. Sanborn maps typically exist for cities with populations of 2,000 or more; the coverage is dependent on the location of the subject property within city limits. The Sanborn Map Report lists the subject property as an unmapped property; no additional information was included in the report. The Sanborn Map Report is provided in Appendix H.

8.4 City Directory

City directory listings were requested from EDR (Appendix I). The city directory search was conducted for the subject property street, Cavanaugh Road, and adjoining streets, East 124th Avenue and East 128th Avenue. No address listings were identified on the subject property or on the subject property street. Listings for East 124th Avenue, which is adjoining to the west of the subject property, were reported as personal/residential between 2010 and 2020. Listings for 38320 East 128th Avenue, which is adjoining to the northeast of the subject property, were reported as personal/residential between 2000 and 2020. A listing for 37980 East 128th Avenue, which is adjoining to the north of the subject property, was reported as personal/residential in 2020.

8.5 Title Information/Environmental Liens

As discussed in Section 6.2, the user is required to complete a search for environmental liens and Activity and Use Limitations to satisfy the requirements of the All-Appropriate Inquiries Rule for the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability protection. An environmental lien search, including available records from 1980 to the present, was conducted for Parcel ID 156534200004 (Appendix J).

The current legal owner of parcel 156534200004 is listed as Soaring Heights LLC. No environmental liens were identified through the parcel search (Appendix J). Two Activity and Use Limitations were identified through the parcel search pertaining to easement agreements (Appendix J). A Transmission and Access Easement Agreement was dated November 19, 2021, for First Party – Ryan Specht and Second Party – Innergex Renewable Development USA, LLC. A Memorandum of Energy Storage Lease and Easement Agreement was dated April 25, 2024, for First Party – Soaring Heights LLC and Second Party – Prairie Pass LLC. A summary of the title information is presented in Table 4.

Table 4. Parcel Title Information Summary for Parcel 156534200004

Grantee	Grantor	Date	Notes
Soaring Heights LLC	Ryan Specht	November 2023	Quit Claim Deed
Ryan Specht	Ladonna Stuckert	October 2017	Warranty Deed
Lodonna Stuckert	Harold W. Hosmer Trust, Leone Hosmer Trust	June 2015	Quit Claim Deed
Lodonna Stuckert	Harold W. Hosmer Trust, Leone Hosmer Trust	May 2015	Quit Claim Deed
Harold W. Hosmer Trust (1/2 Interest), Leone Hosmer Trust (1/2 Interest)	Harold W Hosmer	March 1992	Quit Claim Deed
Harold Hosmer, Eleanor May Hanson	Harold Hosmer and Eleanor May Hanson as Personal Representatives of the Estate of Myrtle A. Hosmer	November 1981	Deed

9 Previous Environmental Site Assessments

No previous environmental assessments were provided to Dudek during this Phase I ESA.

10 Vapor Encroachment

Dudek evaluated vapor encroachment to determine whether there is a potential for vapors originating from contaminated soil and/or groundwater to occur in the subsurface below the existing and potential future on-site structures. Information obtained from other sources (geologic and hydrogeological information, site reconnaissance, local regulatory agency responses), as discussed in this report, was also considered. The VEC assessment was conducted in accordance with ASTM Standard E2600-22 (ASTM 2022). The EDR Radius Map Report (Appendix C) was used to evaluate listed contaminated sites as identified in federal, state, and local databases. A VEC assessment report is provided in Appendix K.

No sites were identified as having groundwater contamination or soil vapor contamination that could impact the subject property; as such, no VEC was identified.

11 Non-ASTM Considerations

This chapter discusses non-ASTM scope considerations that were included in this Phase I ESA based on conditions of the subject property. These items are not required to be evaluated per the ASTM standard but may still pose environmental health and safety risks.

Asbestos

Asbestos has been specifically designated a hazardous substance pursuant to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 102 (42 USC 9602), but abatement costs are generally not recoverable under CERCLA. Many building materials commonly contained asbestos until the late 1970s, and a smaller list of building materials contained asbestos in the 1980s, such as drywall, joint compounds, vinyl flooring, roofing, asbestos-cement products, and stucco. Under the Toxic Substances Control Act, the EPA banned the use of asbestos in many products, with partial bans occurring in 1989 and 1993. However, a full ban of asbestos products did not occur until 2019. Therefore, if a building was constructed prior to 1989, there is a likely chance it contains asbestos. If it was constructed between 1989 and 2019, it is less likely asbestos is present, but there is still a chance that asbestos was used.

A rural residential home has been on the subject property since it was constructed in 2017. Since the structure was constructed following 1989, it is unlikely that asbestos is of concern for the subject property.

Lead-Based Paint

Paint manufacturers frequently used lead as a primary paint ingredient through the 1940s, and gradually decreased its use in the 1950s and 1960s. The federal department of Housing and Urban Development estimates 75% of homes built in the United States before 1978 contain some lead-based paint (HUD 1996). The Consumer Product Safety Commission prohibited the use of lead-based paints in residential buildings in 1978 (EPA 2023), but the use of lead-based paints in commercial and industrial buildings is not prohibited. California Code of Regulations Title 17, Section 35043 defines presumed lead-based paint as "paint or surface coating affixed to a component in or on a structure, excluding paint or surface coating affixed to a … residential dwelling constructed on or after January 1, 1979, or a school constructed on or after January 1, 1993." Commercial, industrial, and military structures may have lead-based paint in surface coatings, regardless of construction date.

A rural residential home has been on the subject property since it was constructed in 2017. Since the structure was constructed following 1979, it is unlikely that lead-based paint is of concern for the subject property.

Radon

Radon is a radioactive gas that is produced from the natural decay of uranium, radium, and thorium in soil, rock, and groundwater (WHO 2023). When radon becomes trapped in buildings and concentrations accumulate, exposure to radon can be a concern. The Federal Radon Action Level is 4 picocuries per liter (pCi/L) (EPA n.d.a).

The EDR report presents radon test results for the vicinity of the subject property. One site within Adams County was evaluated. The radon concentration at this site averaged 3.300 pCi/L in the Basement Area. The U.S. Environmental Protection Agency Radon Zone for Adams County is 1 (EPA n.d.b), which corresponds with indoor average expected radon levels of greater than 4 pCi/L.

12 Findings and Conclusions

Information gathered for this report indicated the following:

- The subject property has been vacant, tilled grassland between at least 1937 through 1975, before oil and gas exploration in 1979. The oil and gas development consisted of a small tank farm located on the western boundary of the subject property that were connected to a well in the central portion of the subject property. Pumping units were not observed in the central portion of the subject property and the well was plugged and abandoned by 2000. By 2006, the tank farm and oil well were no longer observed. A small, fenced area with two small diameter vertical pipes was observed in the former tank farm area. A house was constructed on the northern portion of the subject property in 2018.
    - While oil and gas exploration activities commonly constitute a recognized environmental condition, based on the modern drilling practices and regulations, absence of staining or denuded vegetation, and the status of the well (plugged), this is considered to represent de minimis conditions.
- Two Activity and Use Limitations were identified for the subject property parcel pertaining to a Transmission and Access Easement Agreement from 2021 and a Memorandum of Energy Storage Lease and Easement Agreement from April 2024. These records do not indicate a spill or release of hazardous materials to the environment and are therefore, unlikely to have impacted the environmental conditions of the subject property.
- The subject property is adjoined to the south by a substation. The rest of the adjoining and surrounding properties include a mix of vacant and tilled land and scattered rural residences.

This assessment revealed no evidence of RECs, controlled RECs, historical RECs, VECs, or significant data gaps in connection with the subject property.

Dudek performed this Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard E2247-16. This report summarizes the research and findings of the Phase I ESA. Data gaps, which were determined not to be significant, are discussed in Chapter 13.

13 Limitations

13.1 Data Gaps and Data Failures

As defined in ASTM Standard E2247-16, a data failure is a failure to achieve the historical research objective required by the ASTM standard even after reviewing the standard historical resources that are reasonably ascertainable and likely to be useful. A data failure is a type of data gap.

The following data failure was identified for this Phase I ESA:

- Historical resources were not available between 1890 and 1937, 1937 and 1949, 1953 and 1963, 1963 and 1970, 1975 and 1984, 1984 and 1993, and 1999 and 2006, which is greater than the 5-year interval required by the ASTM standard. This constitutes a data failure.

As defined in ASTM Standard E2247-16, a data gap is the lack of or inability to obtain information required by this practice despite good faith efforts. A data gap is considered significant when it affects the ability of the environmental professional to identify RECs.

The following data gap was identified during preparation of this Phase I ESA:

- Gaps greater than the 5-year interval required by the ASTM standard were identified in historical resources. Based on the site history, available historical and regulatory information, and present-day use, this data gap does not limit the ability to determine RECs and is therefore considered less than significant.

Should Dudek receive information following submission of this Phase I ESA report that resolves the data gap and changes the findings of the Phase I ESA report, Dudek will submit the findings to the user in an addendum.

13.2 Report Limitations

The findings and conclusions presented in this report are professional opinions based solely on the indicated data described in this report, visual observations of the subject property and vicinity, and our interpretation of the available historical information and documents reviewed. Dudek makes no warranty as to the accuracy of statements made by others or the accuracy of information included in documentation reviewed in connection with this study. This study was not intended to be a definitive investigation of potential contamination at the subject property, and the recommendations do not necessarily include all conditions that may be present. It is possible that conditions or contamination exist at the subject property that have not been previously identified or that are not identified in this Phase I ESA.

No warranties or guarantees or representations, expressed or implied, are made by Dudek, except for the representation that this report has been prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professionals performing the same or similar services in the same or similar locality. The conclusions are intended exclusively for the purpose outlined herein and may not be suitable for, or relied upon, by others, and any use of this document is at the sole risk of said user.

In accordance with ASTM Standard E2247-16, this Phase I ESA is valid for 180 days. After 180 days, this report, or the information presented in this report, is no longer valid and must be updated or revised, as appropriate.

14 References

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Appendix A

Qualifications of Environmental Professionals

Environmental Professional	Professional License	Degree(s)	Years' Relevant Experience	Task Performed
Susan Smith	Professional Geologist, State of California	B.S., Geological Sciences, California State University Fullerton	21	Report Review, QA/QC
Stephanie Chao	—	B.S., Environmental Engineering, San Diego State University	2	Report Preparation
Keenan Soto	—	M.S., Natural Resources and Environmental Science, University of Nevada, Reno	7	Site Reconnaissance

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Appendix B
Historical Topographic Maps

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642

Inquiry Number: 7630016.4
April 19, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

04/19/24

Site Name:

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642
EDR Inquiry # 7630016.4

Client Name:

DUDEK
605 Third Street
Encinitas, CA 92024
Contact: Susan Smith

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by DUDEK were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 12995.23
Project: Prairie Pass

Coordinates:

Latitude:	39.921961 39° 55' 19" North
Longitude:	-104.543403 -104° 32' 36" West
UTM Zone:	Zone 13 North
UTM X Meters:	539019.39
UTM Y Meters:	4419195.49
Elevation:	5260.64' above sea level

Maps Provided:

2022
2019
2016
2013
1952
1890

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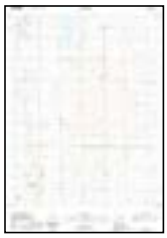
Topo Sheet Key

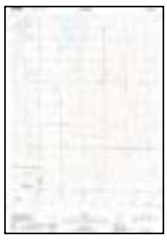
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



Horse Creek
2022
7.5-minute, 24000

2019 Source Sheets

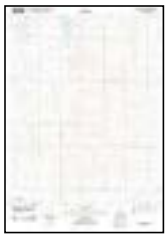


Horse Creek
2019
7.5-minute, 24000

2016 Source Sheets

Horse Creek
2016
7.5-minute, 24000

2013 Source Sheets



Horse Creek
2013
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1952 Source Sheets

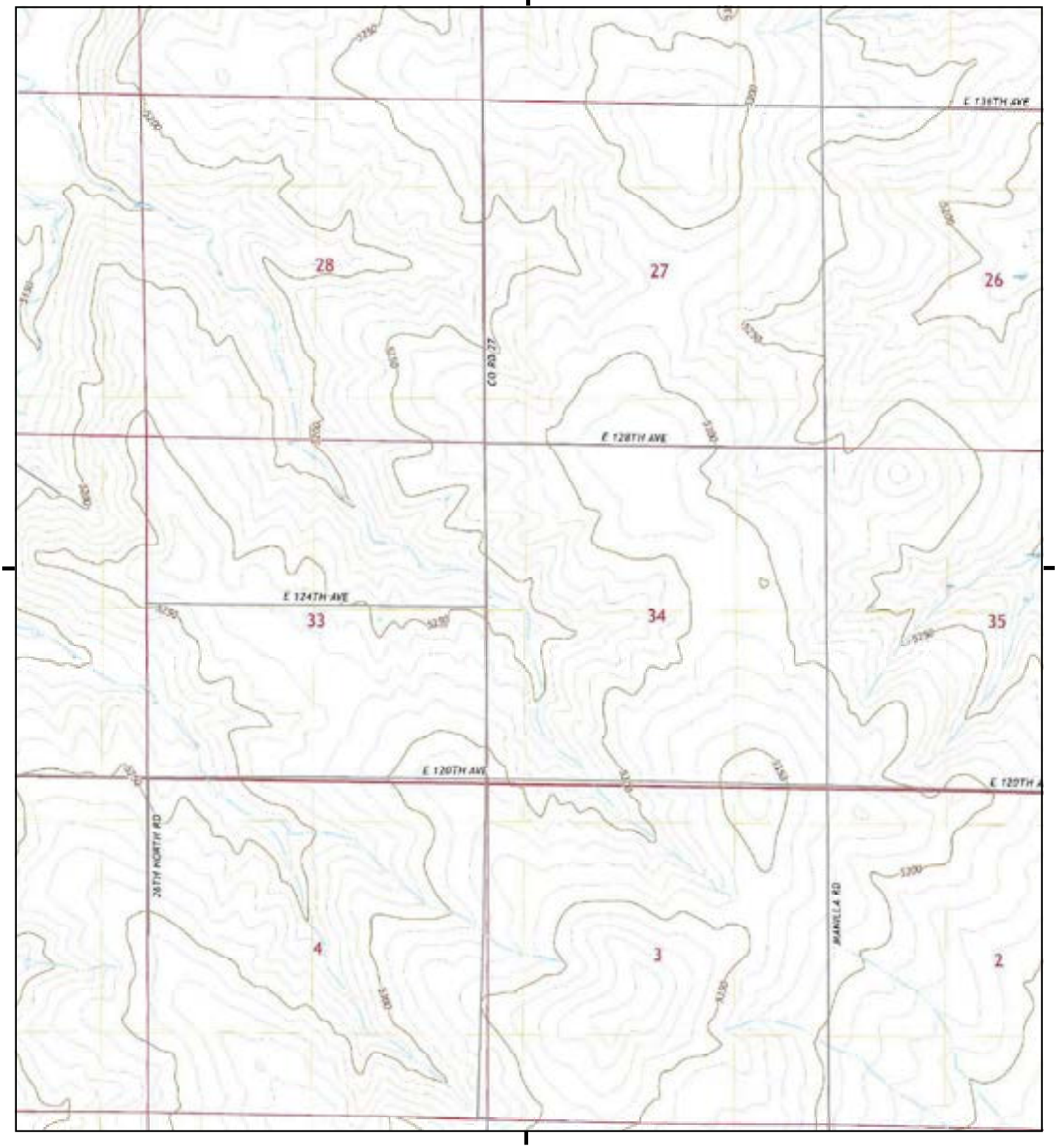
Horse Creek
1952
7.5-minute, 24000
Aerial Photo Revised 1948

1890 Source Sheets

East Denver
1890
30-minute, 125000

Historical Topo Map

2022



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

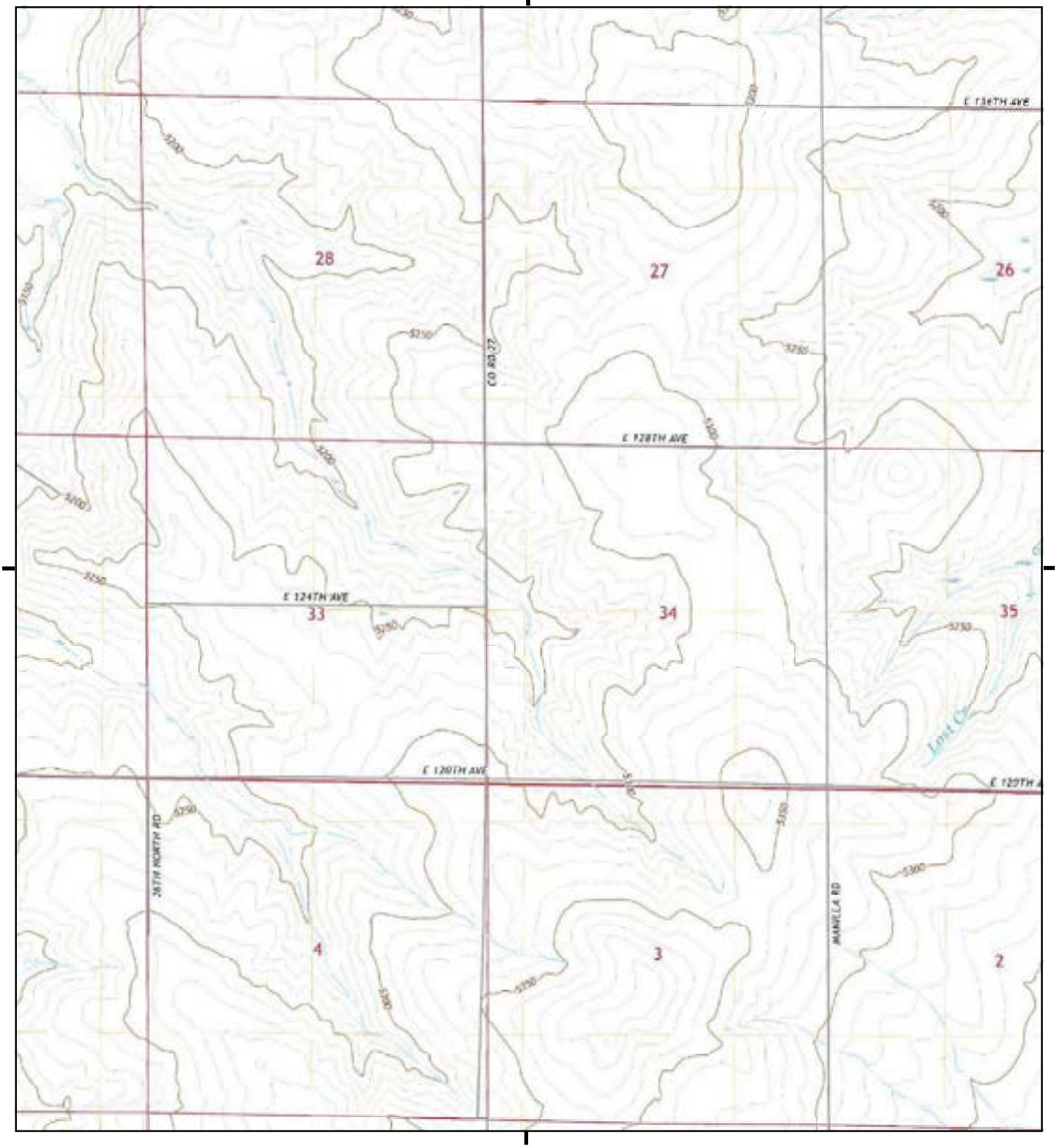
TP, Horse Creek, 2022, 7.5-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2019



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

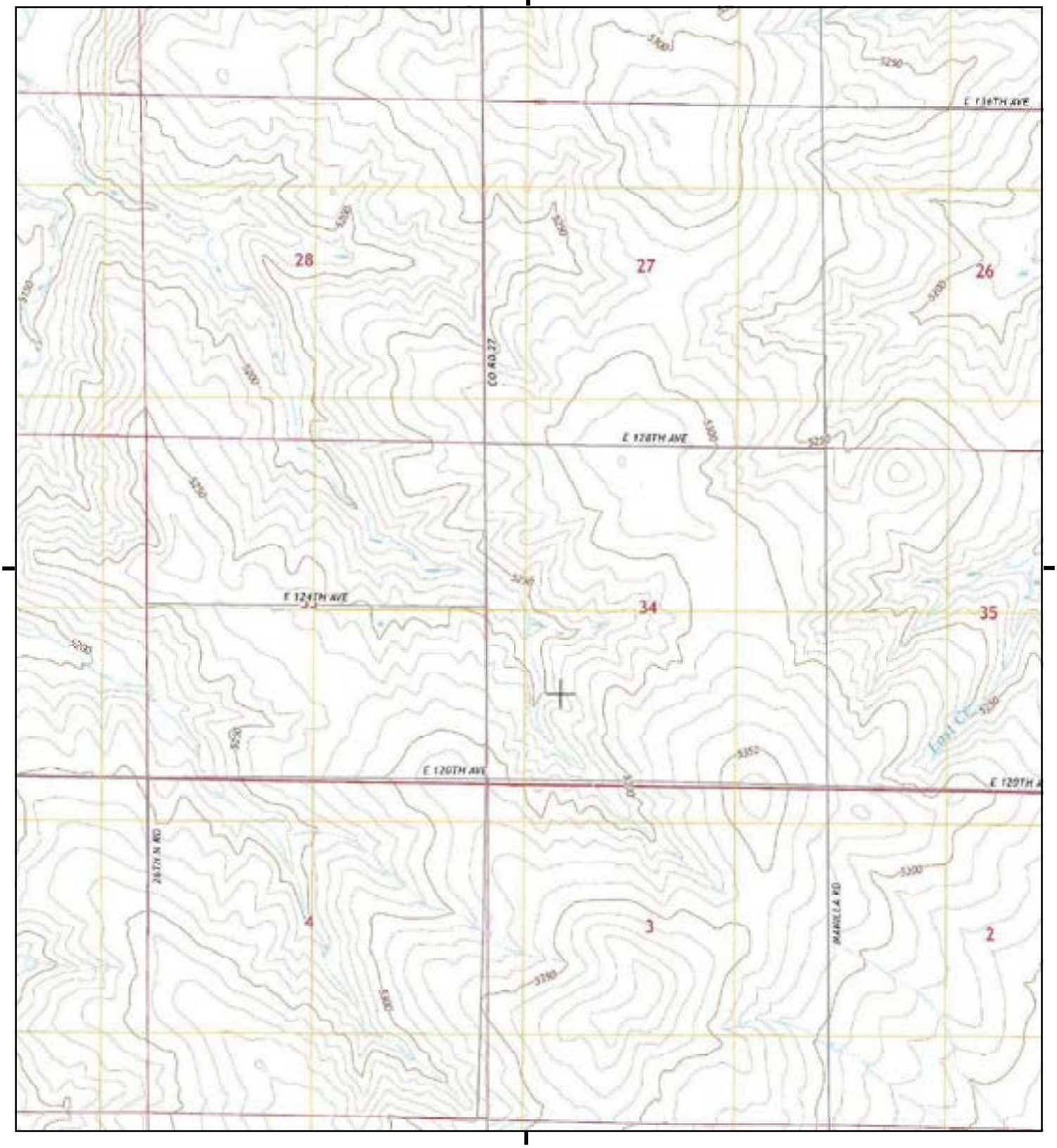
TP, Horse Creek, 2019, 7.5-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2016



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

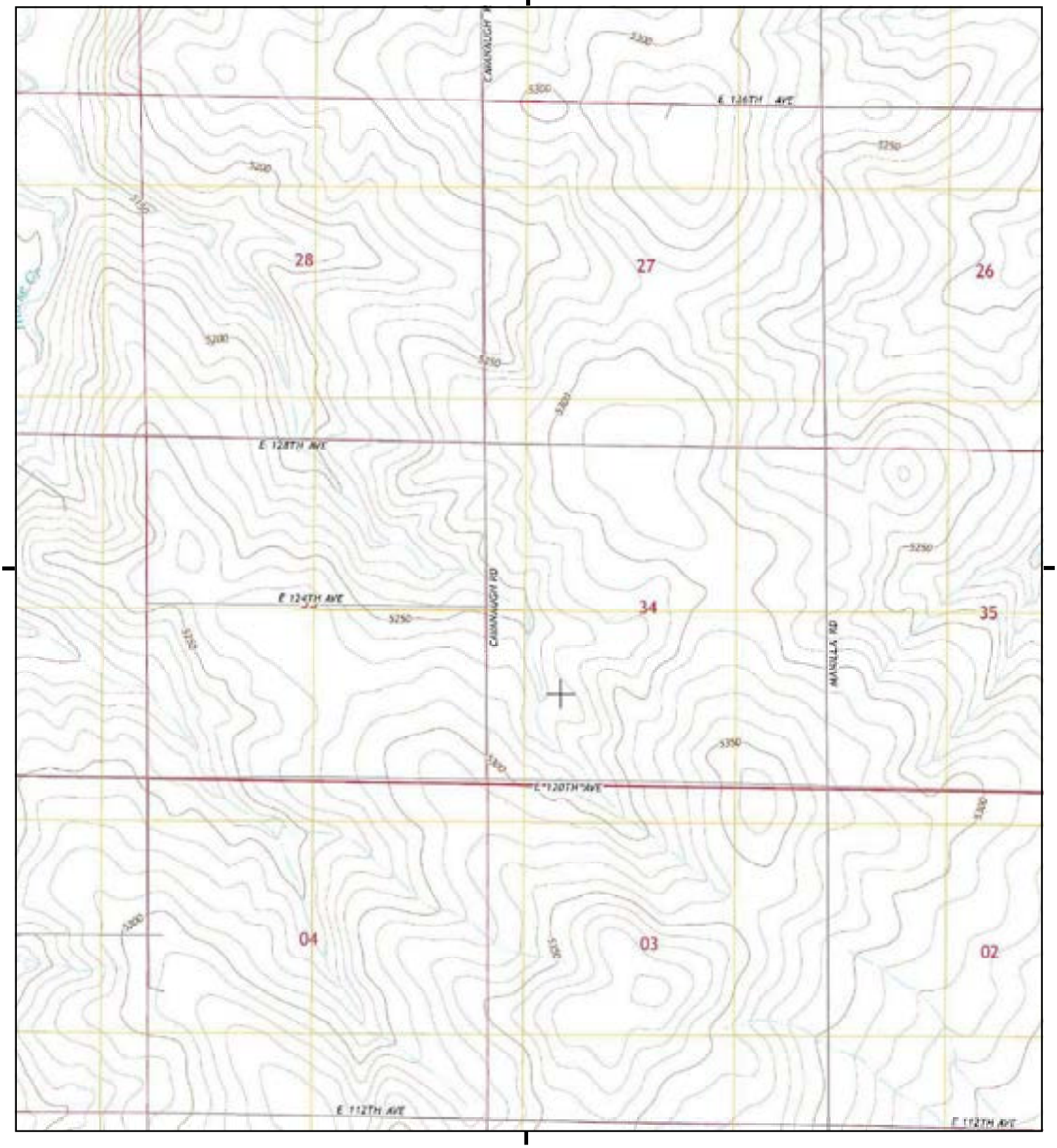
TP, Horse Creek, 2016, 7.5-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N

Historical Topo Map

2013



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Horse Creek, 2013, 7.5-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N

This report includes information from the following map sheet(s).

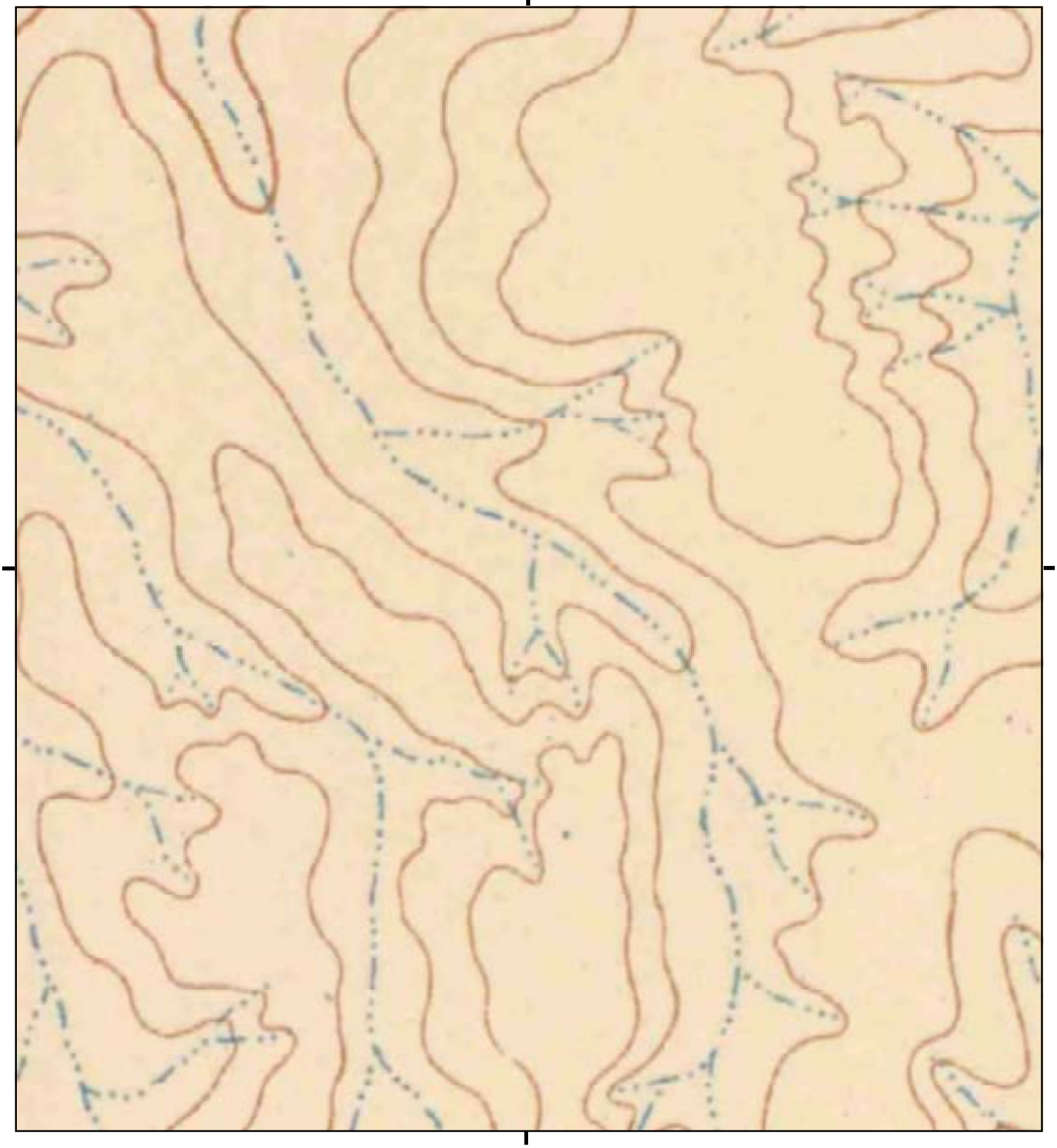
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Horse Creek, 1952, 7.5-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, East Denver, 1890, 30-minute

SITE NAME: Prairie Pass
ADDRESS: 12500 Cavanaugh Road
Hudson, CO 80642
CLIENT: DUDEK

N

Appendix C

EDR Radius Map Report

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642

Inquiry Number: 7630016.2s
April 19, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	4
Map Findings	8
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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

12500 CAVANAUGH ROAD
HUDSON, CO 80642

COORDINATES

Latitude (North):	39.9219610 - 39˚ 55' 19.05''
Longitude (West):	104.5434030 - 104˚ 32' 36.25''
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	539020.4
UTM Y (Meters):	4418985.5
Elevation:	5261 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50012035 HORSE CREEK, CO
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20190912
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
12500 CAVANAUGH ROAD
HUDSON, CO 80642

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	HRM RESOURCES II, LL		PFAS ECHO	Higher	374, 0.071, NW
2	US EXPLORATION WAILE		PFAS ECHO	Lower	1032, 0.195, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS---- Engineering Controls Sites List
US INST CONTROLS---- Institutional Controls Sites List

Federal ERNS list

ERNS---- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS---- This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF---- Solid Waste Sites & Facilities
SHWF---- Solid Waste Information System Listing

Lists of state and tribal leaking storage tanks

LAST---- Leaking Aboveground Storage Tank Listing
LTANKS---- Petroleum Release Events Listing
LUST---- Leaking Underground Storage Tank List
INDIAN LUST---- Leaking Underground Storage Tanks on Indian Land
LUST TRUST---- RAP Site Listing

Lists of state and tribal registered storage tanks

FEMA UST---- Underground Storage Tank Listing
UST---- Underground Storage Tank Database
AST---- Aboveground Tank List
INDIAN UST---- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL---- Environmental Covenants and Environmental Use Restrictions List

Lists of state and tribal voluntary cleanup sites

VCP---- Voluntary Cleanup & Redevelopment Act Application Tracking Report
INDIAN VCP---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS---- Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF---- Historical Landfill List

SWRCY	Registered Recyclers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS	Open Dumps on Indian Land
DENVER CO HISTORIC FILL	Denver City & County Historic Fill Areas

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
CDL	Meth Lab Locations
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Spills Database
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites

US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
MINES MRDS ---- Mineral Resources Data System
FINDS ---- Facility Index System/Facility Registry System
ECHO ---- Enforcement & Compliance History Information
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
PFAS ---- PFAS Information Listing
AQUEOUS FOAM ---- Class B Firefighting Foam Contaminating PFAS Listing
AIRS ---- Permitted Facility & Emissions Listing
ASBESTOS ---- Asbestos Abatement & Demolition Projects
METHANE SITE ---- Methane Site Investigations - Jefferson County 1980
Methane Investigation ---- Methane Gas & Swamp Findings
DRYCLEANERS ---- Drycleaner Facilities
Financial Assurance ---- Financial Assurance Information Listing
LEAD ---- LEAD
MINES ---- Permitted Mines Listing
NPDES ---- Permitted Facility Listing
UIC ---- Underground Injection Control
UMTRA ---- Uranium Mill Tailings Sites
UST FINDER RELEASE ---- UST Finder Releases Database
UST FINDER ---- UST Finder Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 12/28/2023 has revealed that there are 2 PFAS ECHO sites within approximately 0.25 miles of the target property.

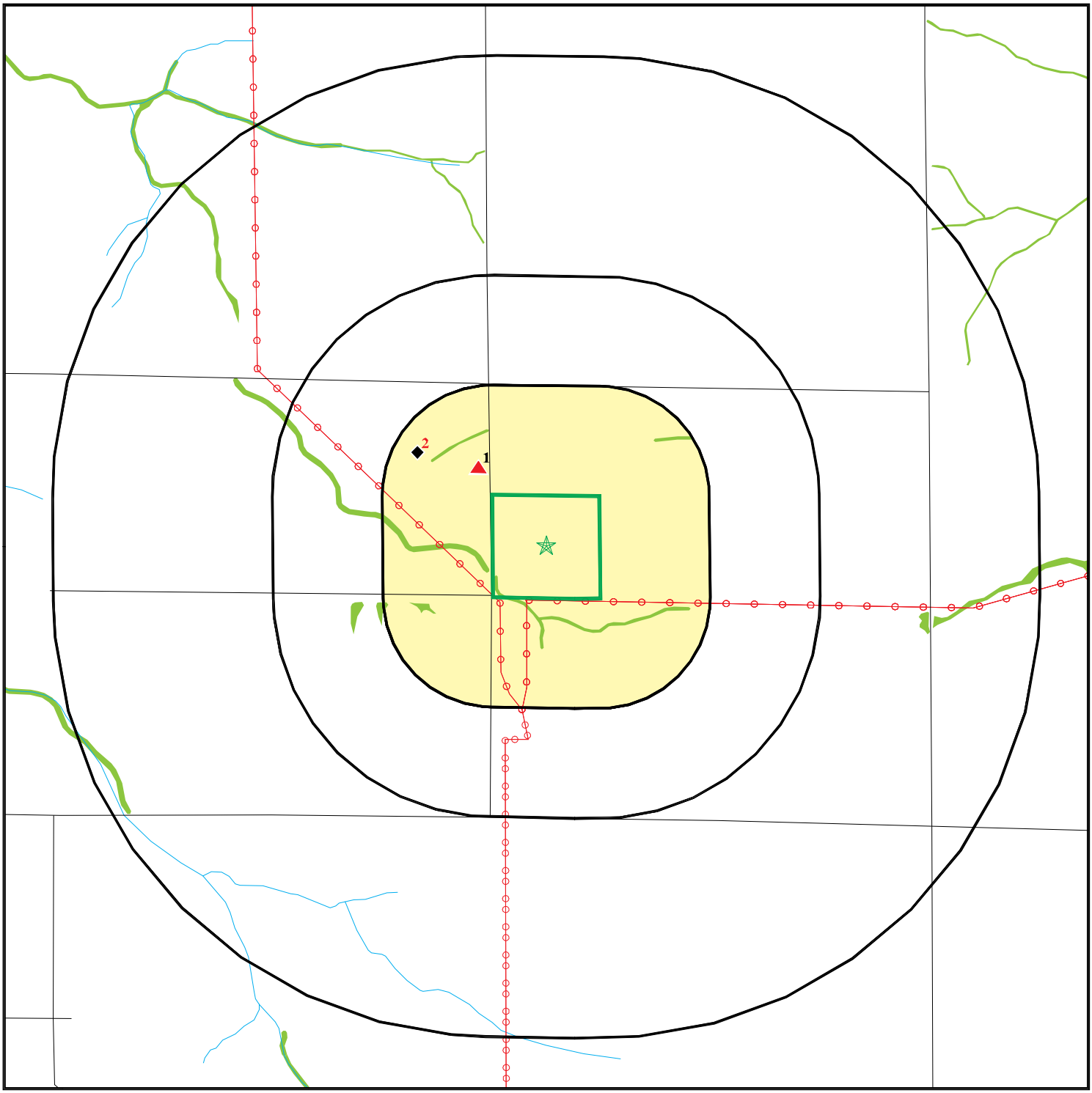
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HRM RESOURCES II, LL		NW 0 - 1/8 (0.071 mi.)	1	8

Lower Elevation	Address	Direction / Distance	Map ID	Page
US EXPLORATION WAILE		NW 1/8 - 1/4 (0.195 mi.)	2	9

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7630016.2S



0 1/4 1/2 1 Miles

N

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Prairie Pass ADDRESS: 12500 Cavanaugh Road Hudson CO 80642 LAT/LONG: 39.921961 / 104.543403	CLIENT: DUDEK CONTACT: Susan Smith INQUIRY #: 7630016.2s DATE: April 19, 2024 7:53 pm

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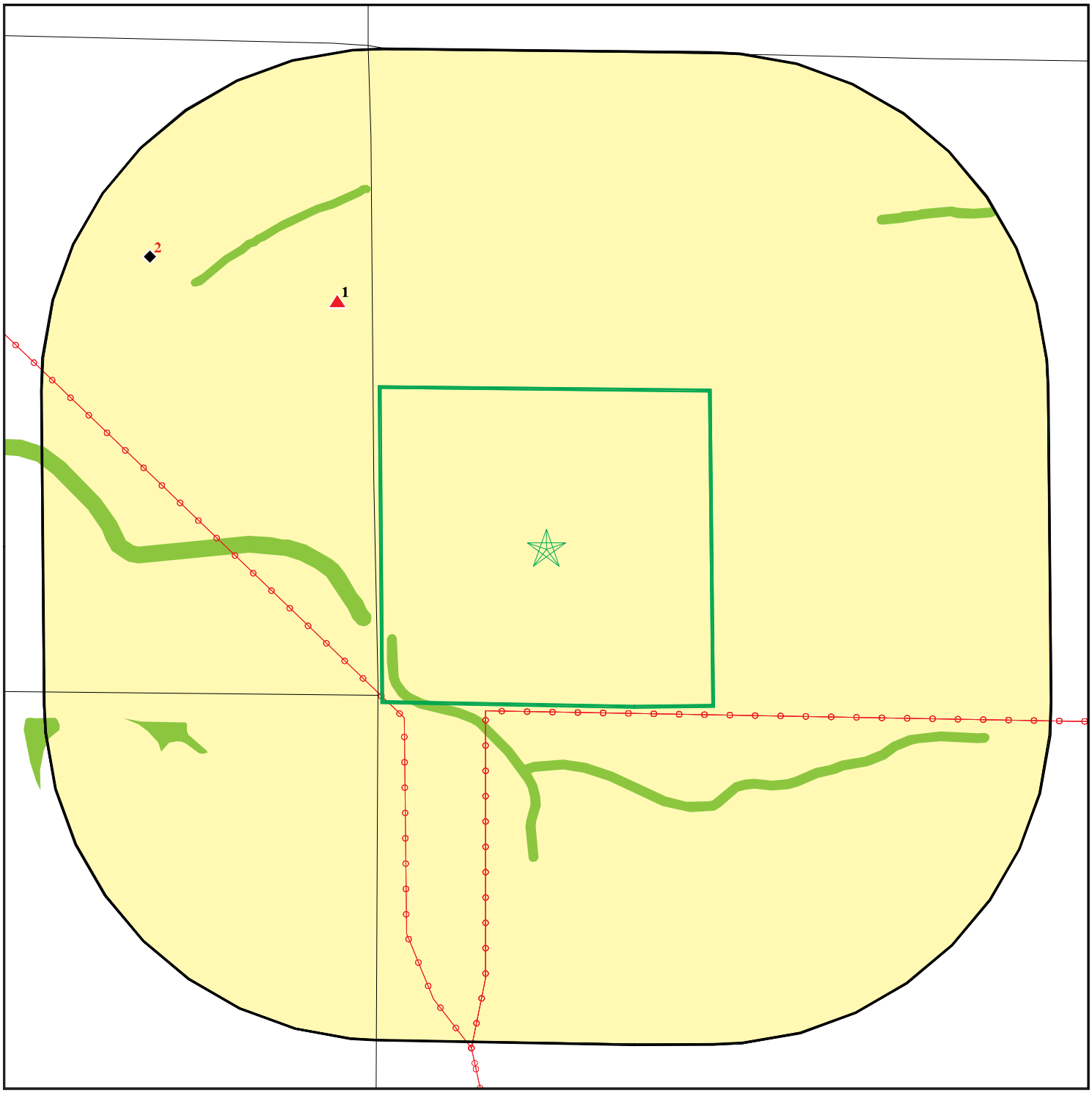
DETAIL MAP - 7630016.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Prairie Pass	CLIENT: DUDEK
ADDRESS: 12500 Cavanaugh Road Hudson CO 80642	CONTACT: Susan Smith INQUIRY #: 7630016.2s
LAT/LONG: 39.921961 / 104.543403	DATE: April 19, 2024 7:54 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
SHWF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
DENVER CO HISTORIC FILL	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		1	1	NR	NR	NR	2
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
METHANE SITE	0.001		0	NR	NR	NR	NR	0
Methane Investigation	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	1	1	0	0	0	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

1
NW
< 1/8
0.071 mi.
374 ft.

HRM RESOURCES II, LLC - WAILES 41-33 #1X
DENVER 3.4 MI. N OF, CO

PFAS ECHO **1027369463** **N/A**

Relative:
Higher

Actual:
5266 ft.

PFAS ECHO:

Name:	HRM RESOURCES II, LLC - WAILES 41-33 #1X
Address:	Not reported
City,State,Zip:	DENVER 3.4 MI. N OF, CO
Latitude:	39.924598
Longitude:	-104.546313
Count:	1
County:	ADAMS
Status:	Inactive
Region:	08
Industry:	Oil and Gas
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110054266584
Facility Percent Minority:	16.817
Facility Derived Tribes:	-
Facility Population:	11.69
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	08123
Facility Indian Country Flag:	N
Facility Collection Method:	-
Facility Derived HUC:	10190003
Facility Derived WBD:	101900030802
Facility Derived CD113:	06
Facility Derived CB2010:	080010084011049
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	CO0000000800101914
CAA Permit Types:	Minor Emissions
CAA NAICS:	211130 211111
CAA SICS:	1311
NPDES IDS:	-

HRM RESOURCES II, LLC - WAILES 41-33 #1X (Continued) **1027369463**

CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-104.546313,%22y%22:39.924598,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

---

2 **US EXPLORATION WAILES 1X 41-33** **PFAS ECHO** **1027434716**
NW **N/A**
1/8-1/4 **BENNETT, CO**
0.195 mi.
1032 ft.

Relative: **Lower**

Actual: **5245 ft.**

PFAS ECHO:

Name:	US EXPLORATION WAILES 1X 41-33
Address:	Not reported
City,State,Zip:	BENNETT, CO
Latitude:	39.925076
Longitude:	-104.548927
Count:	1
County:	ADAMS
Status:	Inactive
Region:	08
Industry:	Oil and Gas
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110014321055
Facility Percent Minority:	16.667
Facility Derived Tribes:	-
Facility Population:	12.56
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	08001
Facility Indian Country Flag:	N
Facility Collection Method:	INTERPOLATION-MAP
Facility Derived HUC:	10190003
Facility Derived WBD:	101900030802
Facility Derived CD113:	06
Facility Derived CB2010:	080010084011049
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	12/18/2000
Facility Days Last Inspection:	8,398

US EXPLORATION WAILES 1X 41-33 (Continued) **1027434716**

Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	CO0000000800100699
CAA Permit Types:	Minor Emissions
CAA NAICS:	211130 211111
CAA SICS:	1311
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-104.548927,%22y%22:39.925076,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/26/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Sites & Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/16/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

SHWF: Solid Waste Information System Listing

A listing from the Solid Waste Information System, which is used to help administer the various programs of our solid waste and materials management program. It includes a wide variety of types of facilities and sites, and includes information obtained over several decades and numerous legacy data systems.

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/18/2024
Number of Days to Update: 78

Source: Department of Public Health & Environment
Telephone: 303-692-6349
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 27

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

LTANKS: Petroleum Release Events Listing

Active and Closed OPS Petroleum Release Events in Colorado. Includes the OPS Open Event locations, but also shows locations of closed events (releases that have been issued a No Further Action determination).

Date of Government Version: 11/01/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 85

Source: Department of Labor & Employment
Telephone: 303-318-8525
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Listing

A listing of leaking aboveground storage tank sites. This list is no longer maintained. For current Leaking AST information, please see LTANKS.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 27

Source: Department of Labor & Employment
Telephone: 303-318-8525
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

TRUST: Lust Trust Sites
Reimbursement application package. The 1989 Colorado General Assembly established Colorado's Petroleum Storage Tank Fund. The Fund reimburses eligible applicants for allowable costs incurred in cleaning up petroleum contamination from underground and aboveground petroleum storage tanks, as well as for third-party liability expenses. Remediation of contamination caused by railroad or aircraft fuel is not eligible for reimbursement. The Fund satisfies federal Environmental Protection Agency financial assurance requirements. Monies in the Fund come from various sources, predominantly the state environmental surcharge imposed on all petroleum products except railroad or aircraft fuel.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 03/07/2024
Number of Days to Update: 85
Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 89
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 80
Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

AST: Aboveground Tank List
Aboveground storage tank locations.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 80

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: 303-318-8521
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Environmental Real Covenants List

Senate Bill 01-145 gave authority to the Colorado Department of Public Health and Environment to approve requests to restrict the future use of a property using an enforceable agreement called an environmental covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.

Date of Government Version: 01/23/2024
Date Data Arrived at EDR: 01/24/2024
Date Made Active in Reports: 04/05/2024
Number of Days to Update: 72

Source: Department of Public Health & Environment
Telephone: 303-692-3331
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/18/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

VCP: Voluntary Cleanup & Redevelopment Act Application Tracking Report

The Voluntary Cleanup and Redevelopment Act is intended to permit and encourage voluntary cleanups by providing a method to determine clean-up responsibilities in planning the reuse of property. The VCRA was intended for sites which were not covered by existing regulatory programs.

Date of Government Version: 03/27/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 20

Source: Department of Public Health and Environmental
Telephone: 303-692-3331
Last EDR Contact: 03/27/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites Listing
Brownfields Sites Listing

Date of Government Version: 01/16/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 04/02/2024
Number of Days to Update: 77

Source: Department of Public Health & Environment
Telephone: 303-692-3331
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recyclers Listing
A listing of registered recycler locations in the state of Colorado.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 1

Source: Department of Public Health & Environment
Telephone: 303-692-3337
Last EDR Contact: 03/04/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

HISTORICAL LANDFILL: Historical Landfill List
Abandoned/Inactive Landfills.

Date of Government Version: 01/31/1993
Date Data Arrived at EDR: 04/24/1994
Date Made Active in Reports: 05/30/1994
Number of Days to Update: 36

Source: Department of Public Health & Environment
Telephone: 303-692-3300
Last EDR Contact: 09/05/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

DENVER CO HISTORIC FILL: Denver City & County Historic Fill Areas
This dataset denotes the approximate locations of historical fill areas within the City and County of Denver (CCoD) and with within approximately three-quarters of a mile of the CCoD boundaries. The data is of a general nature and obtained from historic and current documents that may not be accurate or precise.

Date of Government Version: 12/17/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/13/2020
Number of Days to Update: 66

Source: City & County of Denver
Telephone: 720-913-5237
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

CDL: Meth Lab Locations
Meth lab locations that were reported to the Department of Public Health & Environment.

Date of Government Version: 12/18/2023
Date Data Arrived at EDR: 12/21/2023
Date Made Active in Reports: 03/18/2024
Number of Days to Update: 88

Source: Department of Public Health and Environment
Telephone: 303-692-3023
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/20/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

CO ERNS: Spills Database
State reported spills.

Date of Government Version: 12/18/2023
Date Data Arrived at EDR: 12/21/2023
Date Made Active in Reports: 03/18/2024
Number of Days to Update: 88

Source: Department of Public Health and Environmental
Telephone: 303-692-2000
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

SPILLS 2: Spills
A listing of spills reported to the Oil & Gas Conservation Commission

Date of Government Version: 12/07/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 03/07/2024
Number of Days to Update: 85

Source: Oil & Gas Conservation Commission
Telephone: 303-894-2100
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/06/2013
Number of Days to Update: 34

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/11/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/13/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/14/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/16/2024
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 70

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/28/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/28/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/02/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (303) 312-6312
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/08/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information
EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information
Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/29/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/29/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

PFAS: PFAS Information Listing

A list of entities that have tested groundwater and have found PFAS chemicals, specifically PFOA and PFOS, levels above the health advisory. Potential sources of these chemicals include military bases, fire stations or training centers, landfills, industrial sites, car racetracks, and ski resorts.

Date of Government Version: 01/19/2024
Date Data Arrived at EDR: 01/19/2024
Date Made Active in Reports: 04/08/2024
Number of Days to Update: 80

Source: Department of Public Health & Environment
Telephone: 303-692-3605
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Class B Firefighting Foam Contaminating PFAS Listing

Class B foams put out fires caused by flammable liquids like gasoline, oil, and jet fuel. They may contain PFAS chemicals. Anyone using or storing Class B firefighting foam containing these chemicals must register through the Certificate of Registration Program.303-692-38

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 03/26/2024
Number of Days to Update: 83

Source: Department of Public Health & Environment
Telephone: 303-692-3605
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing
A listing of Air Pollution Control Division permits and emissions data.

Date of Government Version: 08/23/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 70

Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

ASBESTOS: Asbestos Abatement & Demolition Projects
Asbestos abatement and demolition projects by the contractor.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/16/2020
Number of Days to Update: 67

Source: Department of Public Health & Environment
Telephone: 303-692-3100
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Semi-Annually

METHANE SITE: Methane Site Investigations - Jefferson County 1980
The objectives of the study are to define as closely as possible the boundaries of methane producing solid waste landfills.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50

Source: Jefferson County Health Department
Telephone: 303-239-7175
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

METHANE INVESTIGATION: Methane Gas & Swamp Findings
The primary objective of this study was to assess methane gas related hazards at selected landfill sites in Colorado. These sites were selected by the Colorado Department of Health following evaluation of responses received from County and Municipal agencies about completed and existing landfills within their jurisdiction.

Date of Government Version: 03/15/1979
Date Data Arrived at EDR: 02/13/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 50

Source: Department of Health
Telephone: 303-640-3335
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Facilities
A listing of drycleaning facilities.

Date of Government Version: 08/23/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Department of Public Health & Environment
Telephone: 303-692-3213
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/26/2024
Number of Days to Update: 82

Source: Department of Public Health & Environment
Telephone: 303-692-3350
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/26/2024
Number of Days to Update: 82

Source: Department of Public Health & Environment
Telephone: 303-392-3350
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

LEAD: Lead Abatement Permit Listing

Lead inspection

Date of Government Version: 11/07/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 01/21/2020
Number of Days to Update: 68

Source: Department of Publich Health & Environment
Telephone: 303-692-2000
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

MINES: Permitted Mines Listing

This dataset represents permitted mines in the State of Colorado

Date of Government Version: 01/08/2024
Date Data Arrived at EDR: 01/10/2024
Date Made Active in Reports: 04/02/2024
Number of Days to Update: 83

Source: Division of Reclamation Mining and safety
Telephone: 303-866-3567
Last EDR Contact: 04/09/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Semi-Annually

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Quality Control Division.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 01/23/2024
Date Made Active in Reports: 04/08/2024
Number of Days to Update: 76

Source: Department of Public Health & Environment
Telephone: 303-692-3611
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

UIC: Underground Injection Control

A list of underground injection wells and their locations.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/06/2024
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 21

Source: Oil & Gas Conservation Commission
Telephone: 303-894-2100
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

There were nine uranium mill tailings sites in Colorado designated for cleanup under the federal Uranium Mill Tailings Radiation Control Act. These nine sites, know commonly as UMTRA sites, were remediated jointly by the State of Colorado and the U.S. Department of Energy during the late 1980's and early 1990's. Mill tailings were removed from 8 of the mill sites and relocated in engineered disposal cells. A disposal cell is designed to encapsulate the material, reduce radon emanation, and prevent the movement of water through the material. At one site, Maybell, CO, the tailings were stabilized in-place at the mill site. After remediation of the tailings was completed, the State and DOE began to investigate the residual impacts to groundwater at the mill sites. The groundwater phase of the UMTRA program is on-going.

Date of Government Version: 11/14/2022
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 02/15/2023
Number of Days to Update: 1

Source: Department of Public Health & Environment
Telephone: 970-248-7164
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Public Health & Environment in Colorado.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Public Health & Environment
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Labor and Employment, Oil Inspection Section in Colorado.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Labor and Employment, Oil Inspection Section
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ADAMS COUNTY:

LF ADAMS: Summary Report on Methane Gas Hazards and Surveys Conducted on Domestic and Demolition Landfills in Adams County

As of May 8, 1978, all known landfills or dumping sites in the Adams County area have been surveyed.

Date of Government Version: 05/08/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

ARAPAHOE COUNTY:

LF ARAPAHOE: A Survey of Landfills in Arapahoe County
A survey of Arapahoe County was conducted from August through November, 1977, of all open and closed landfills and dumpsites in the county. Each of the sites found was classified as domestic or demolition.

Date of Government Version: 12/31/1978
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

BOULDER COUNTY:

LF BOULDER: Old Landfill Sites
Landfill sites in Boulder county.

Date of Government Version: 05/01/1986
Date Data Arrived at EDR: 11/14/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 23

Source: Boulder County Health Department
Telephone: 303-441-1182
Last EDR Contact: 01/30/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DENVER COUNTY:

LF DENVER: Landfills in Denver County
Landfill sites in the city and county of Denver.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 09/06/2017
Number of Days to Update: 75

Source: City and County of Denver
Telephone: 720-913-4839
Last EDR Contact: 03/12/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: No Update Planned

LF DENVER CO METHANE: Investigation of Methane Gas Hazards
The purpose of this study was to assess the actual and potential generation, migration, explosive and related problem associated with specified old landfills, and to identify existing and potential problems, suggested strategies to prevent, abate, and control such problems and recommend investigative and monitoring functions as may be deemed necessary. Eight sites determined to be priorities due to population density and potential hazards to population and property were selected by the Colorado Department of Health.

Date of Government Version: 01/01/1981
Date Data Arrived at EDR: 01/29/2013
Date Made Active in Reports: 03/08/2013
Number of Days to Update: 38

Source: City and County of Denver Department of Environmental Health
Telephone: 720-865-5522
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DOUGLAS COUNTY:

LF DOUGLAS: Douglas County Landfill Key
Landfill sites in Douglas county.

Date of Government Version: 06/12/1991
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PUEBLO COUNTY:

LF PUEBLO: Designated Disposal & Landfill Sites
Only inert materials. Asphalt, cement, dirt & rock unless otherwise specified. These sites are no longer active.

Date of Government Version: 04/30/1990
Date Data Arrived at EDR: 11/16/1995
Date Made Active in Reports: 12/07/1995
Number of Days to Update: 21

Source: Pueblo City-County Health Department
Telephone: 719-583-4300
Last EDR Contact: 11/13/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRI COUNTY:

LF TRI: Tri-County Area Solid Waste Facilities List (Adams, Arapahoe and Douglas Counties)
Closed Domestic Landfills in Adams County, Closed Domestic Landfills in Arapahoe County, Closed Demolition Landfills in Arapahoe County, Closed Domestic Landfills in Douglas County.

Date of Government Version: 10/15/1983
Date Data Arrived at EDR: 02/16/1995
Date Made Active in Reports: 04/04/1995
Number of Days to Update: 47

Source: Tri-County Health Department
Telephone: 303-761-1340
Last EDR Contact: 01/27/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WELD COUNTY:

LF WELD: Solid Waste Facilities in Weld County
Solid Waste Facilities in Weld County.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 02/23/2018
Number of Days to Update: 14

Source: Weld County Department of Public Health
Telephone: 970-304-6415
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 01/31/2024
Number of Days to Update: 85

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Listing
Source: Department of Human Services
Telephone: 303-866-5958

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data
Source: Division of Wildlife
Telephone: 970-416-3360

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PRAIRIE PASS
12500 CAVANAUGH ROAD
HUDSON, CO 80642

TARGET PROPERTY COORDINATES

Latitude (North):	39.921961 - 39˚ 55’ 19.06’’
Longitude (West):	104.543403 - 104˚ 32’ 36.25’’
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	539020.4
UTM Y (Meters):	4418985.5
Elevation:	5261 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50012035 HORSE CREEK, CO
Version Date:	2022

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

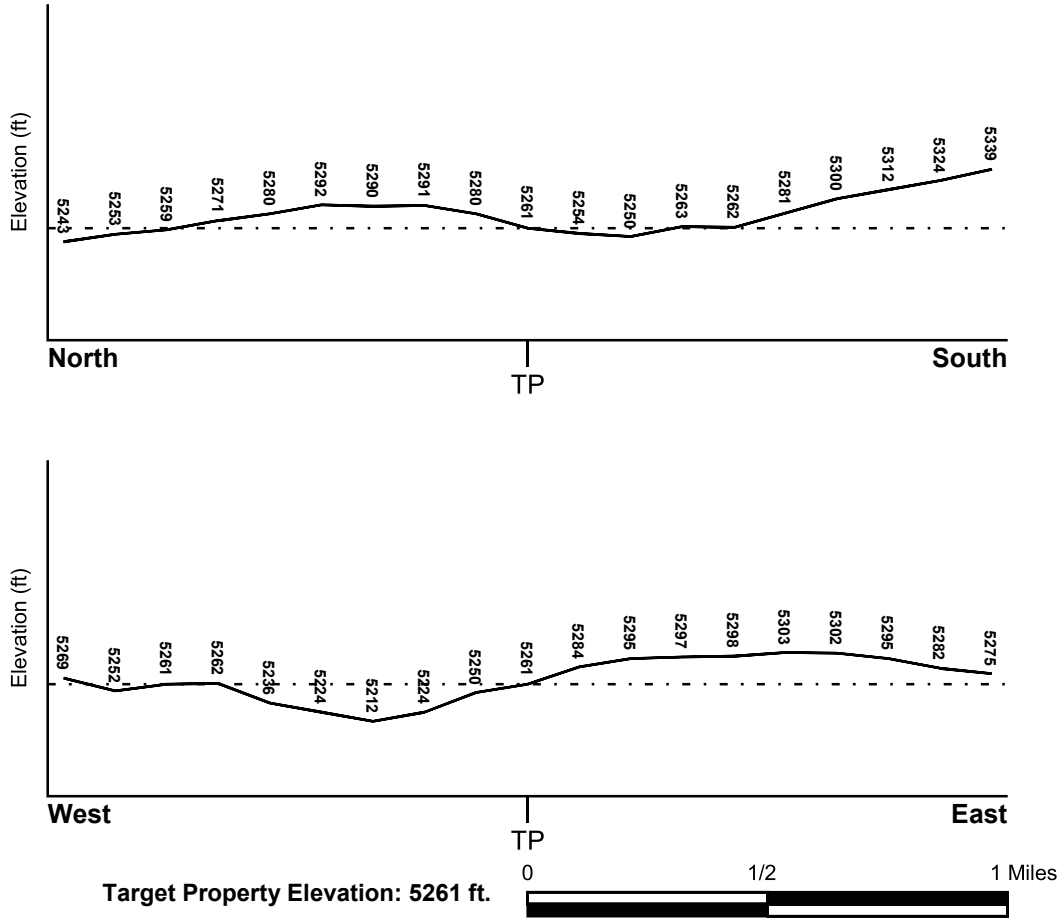
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
08001C0395H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

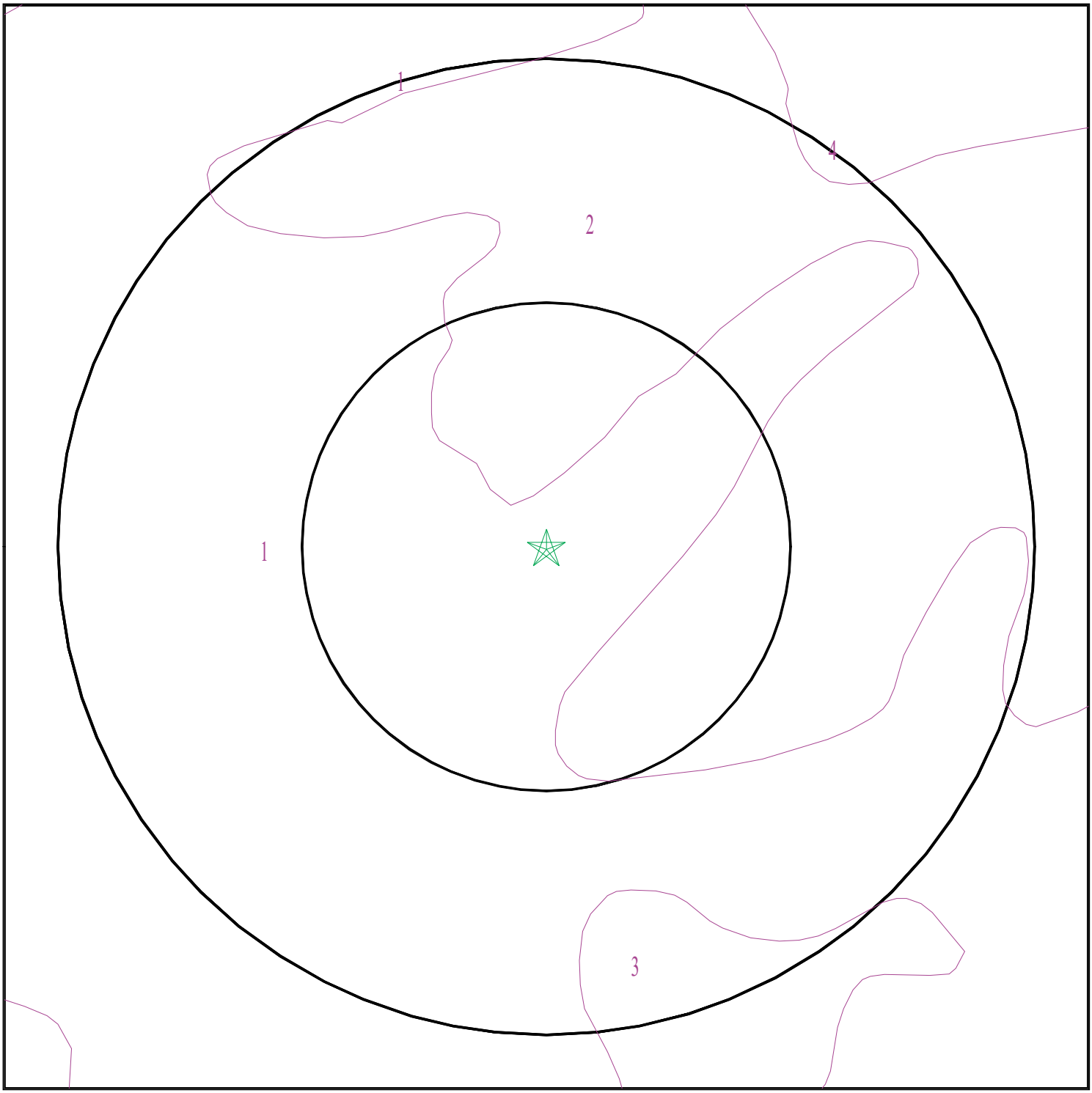
Era:	Mesozoic
System:	Cretaceous
Series:	Navarro Group
Code:	uK4 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7630016.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Prairie Pass	CLIENT:	DUDEK
ADDRESS:	12500 Cavanaugh Road Hudson CO 80642	CONTACT:	Susan Smith
LAT/LONG:	39.921961 / 104.543403	INQUIRY #:	7630016.2s
		DATE:	April 19, 2024 7:54 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Wiley

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9
2	3 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9
3	12 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 2

Soil Component Name: Adena

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
2	3 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Samsil

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:
2	3 inches	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:
3	14 inches	18 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.411 Min: 0.4233	Max: Min:

Soil Map ID: 4

Soil Component Name: Adena

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
2	3 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CO9000000564392	0 - 1/8 Mile North
2	CO9000000281591	1/4 - 1/2 Mile WSW
3	CO9000000336649	1/4 - 1/2 Mile NW
A4	CO9000000365659	1/4 - 1/2 Mile North
A5	CO9000000373338	1/4 - 1/2 Mile North
A6	CO9000000538323	1/4 - 1/2 Mile North
A7	CO9000000548161	1/4 - 1/2 Mile North
A8	CO9000000548162	1/4 - 1/2 Mile North
B9	CO9000000379046	1/4 - 1/2 Mile WSW
B10	CO9000000196820	1/4 - 1/2 Mile West
C11	CO9000000336648	1/4 - 1/2 Mile NW
D12	CO9000000271218	1/4 - 1/2 Mile West
D13	CO9000000271219	1/4 - 1/2 Mile West
C14	CO9000000560099	1/4 - 1/2 Mile NW
C15	CO9000000267279	1/4 - 1/2 Mile NW
16	CO9000000562331	1/4 - 1/2 Mile North
17	CO9000000207925	1/4 - 1/2 Mile NNE
E18	CO9000000222903	1/4 - 1/2 Mile NE
F19	CO9000000101065	1/2 - 1 Mile NNW
G20	CO9000000265195	1/2 - 1 Mile NW
G21	CO9000000265196	1/2 - 1 Mile NW
F22	CO9000000101064	1/2 - 1 Mile NNW
E23	CO9000000221237	1/2 - 1 Mile NE
24	CO9000000520366	1/2 - 1 Mile NNW
H25	CO9000000206474	1/2 - 1 Mile NE
H26	CO9000000206475	1/2 - 1 Mile NE
27	CO9000000287480	1/2 - 1 Mile NNW
I28	CO9000000219619	1/2 - 1 Mile North
I29	CO9000000559962	1/2 - 1 Mile North
30	CO9000000288087	1/2 - 1 Mile WNW
J31	CO9000000610839	1/2 - 1 Mile SSW
J32	CO9000000604230	1/2 - 1 Mile SSW
K33	CO9000000577249	1/2 - 1 Mile ENE
34	CO9000000323690	1/2 - 1 Mile NE
K35	CO9000000602431	1/2 - 1 Mile ENE
L36	CO9000000580955	1/2 - 1 Mile East
L37	CO9000000580956	1/2 - 1 Mile East
38	CO9000000272083	1/2 - 1 Mile West
39	CO9000000055611	1/2 - 1 Mile SSE
40	CO9000000270864	1/2 - 1 Mile West
41	CO9000000230869	1/2 - 1 Mile SW
42	CO9000000273207	1/2 - 1 Mile NNW
43	CO9000000226745	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

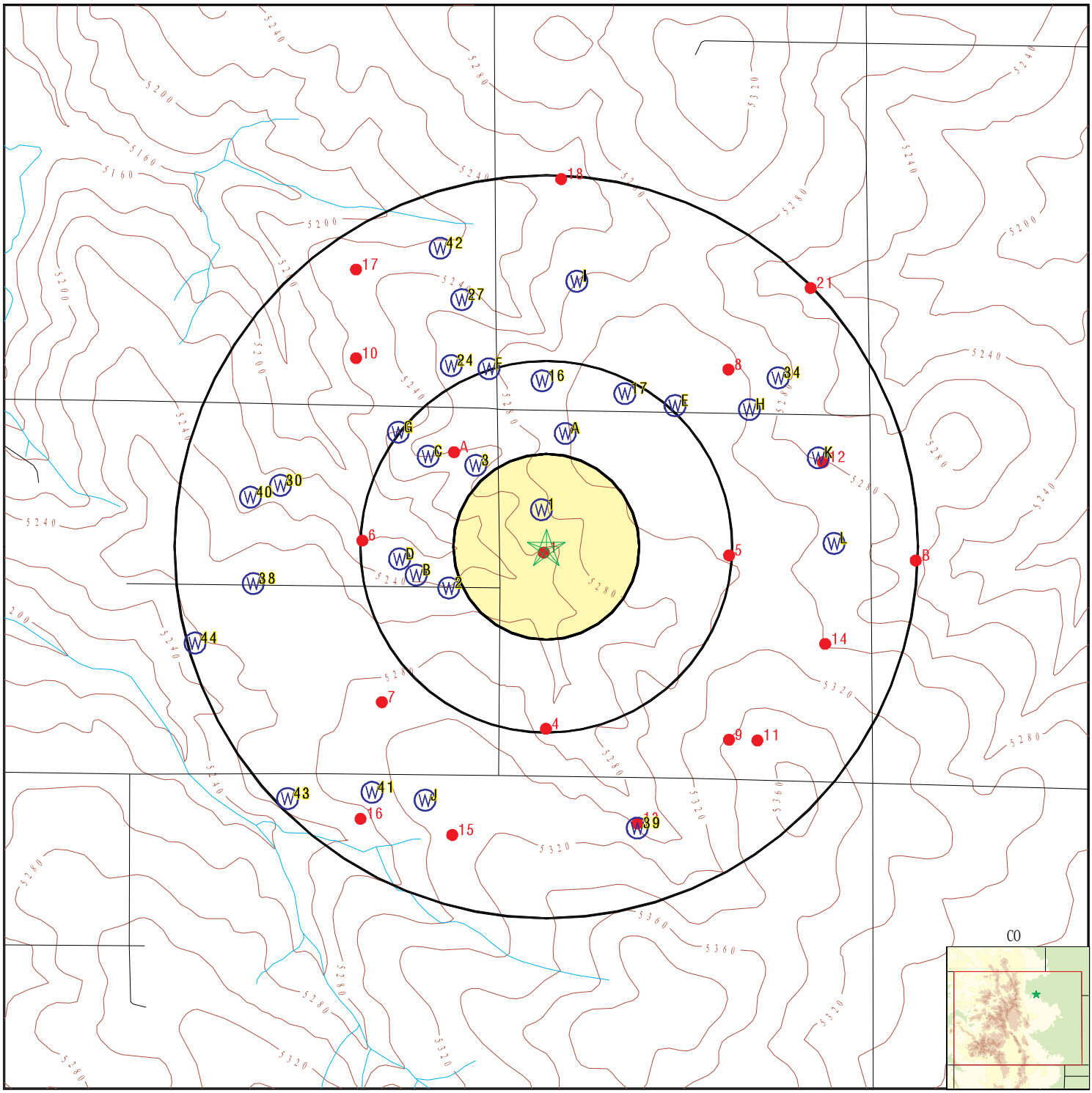
MAP ID	WELL ID	LOCATION FROM TP
44	CO9000000364604	1/2 - 1 Mile WSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	COOG30000001934	0 - 1/8 Mile SSW
A2	COOG30000000878	1/4 - 1/2 Mile NW
A3	COOG30000002162	1/4 - 1/2 Mile NW
4	COOG30000000872	1/4 - 1/2 Mile South
5	COOG30000000838	1/4 - 1/2 Mile East
6	COOG30000000854	1/4 - 1/2 Mile West
7	COOG30000001858	1/2 - 1 Mile SW
8	COOG30000000809	1/2 - 1 Mile NE
9	COOG30000001879	1/2 - 1 Mile SE
10	COOG30000001881	1/2 - 1 Mile NW
11	COOG30000003284	1/2 - 1 Mile SE
12	COOG30000000774	1/2 - 1 Mile ENE
13	COOG30000001878	1/2 - 1 Mile SSE
14	COOG30000003309	1/2 - 1 Mile ESE
15	COOG30000003402	1/2 - 1 Mile SSW
16	COOG30000004014	1/2 - 1 Mile SW
17	COOG30000002345	1/2 - 1 Mile NW
18	COOG30000003416	1/2 - 1 Mile North
B19	COOG30000000795	1/2 - 1 Mile East
B20	COOG30000000796	1/2 - 1 Mile East
21	COOG30000002962	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 7630016.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: Prairie Pass	CLIENT: DUDEK
ADDRESS: 12500 Cavanaugh Road Hudson CO 80642	CONTACT: Susan Smith INQUIRY #: 7630016.2s
LAT/LONG: 39.921961 / 104.543403	DATE: April 19, 2024 7:54 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
0 - 1/8 Mile
Higher

CO WELLS **CO9000000564392**

Permit #:	307465-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	39.06000137
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2017-11-01
Expiration Date:	Not Reported	Construction Date:	2019-09-04
Start Use Date:	Not Reported	Pump Install Date:	2019-09-06
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	12
Static Water Depth (ft):	130	Applicant:	SPECHT, RYAN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3683113		

2
WSW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000281591**

Permit #:	255213-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2004-02-11
Expiration Date:	Not Reported	Construction Date:	2004-02-27
Start Use Date:	Not Reported	Pump Install Date:	2004-04-28
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	420	Yield (gpm):	14
Static Water Depth (ft):	115	Applicant:	RICHARDSON, DAVID C.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0519810		

3
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000336649**

Permit #:	277617-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported		
Comment:	May Convert To A Production Well If Receipt #3629372 Well Is Contaminated And Convert That Well Into A Monitoring Well. Bdh 05/23/08		
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372B		

A4
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000365659**

Permit #:	298017-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2015-07-07
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5295
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3669754		

A5
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000373338**

Permit #:	Not Reported	CD DWR ID #:	Not Reported
Well Status:	Application Information Requested		
Well Name:	0	Water Court Case #:	Not Reported
Parcel Size:	37.81999969	Well Use:	Domestic
Addtl Well Use:	Stock	Special Use:	Not Reported
Primary Aquifer:	UPPER ARAPAHOE	Addtl Aquifer:	Not Reported
Division:	1	Water District:	1
Mgmt District:	Not Reported	Ground Water Basin:	Not Reported
Irrigation Area:	0	Yrly Appropriation:	3
Issued Date:	Not Reported	Expiration Date:	Not Reported
Construction Date:	Not Reported	Start Use Date:	Not Reported
Pump Install Date:	Not Reported	Well Plug Date:	Not Reported
Well Elevation:	0	Well Depth:	0
Top of 1st Perf Casing:	0	Bot of Last Perf Casing:	0
Yield (gpm):	0	Static Water Depth (ft):	0

Applicant:	HUBBART CHAD & ANGELA	OGCC ID:	Not Reported
Comment:	Permit No. 304698 Already Issued For This Parcel		
URL:	https://dwr.state.co.us/Tools/WellPermits/3678982B		

A6
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000538323**

Permit #:	304698-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2017-02-28
Expiration Date:	Not Reported	Construction Date:	2017-11-01
Start Use Date:	Not Reported	Pump Install Date:	2017-11-03
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	14
Static Water Depth (ft):	180	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3678490B		

A7
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000548161**

Permit #:	304698--A	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2018-08-21
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HUBBART, CHAD
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3688014		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A8
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000548162**

Permit #:	304698--A	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.81999969
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	3	Issued Date:	2018-08-21
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HUBBART, ANGELA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3688014		

B9
WSW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000379046**

Permit #:	145847-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Stock	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	Not Reported
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	1956-12-30	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	WAILES FARMS INC
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/9005258		

B10
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000196820**

Permit #:	Not Reported	CD DWR ID #:	Not Reported
Well Status:	Application Information Requested		
Well Name:	0	Water Court Case #:	Not Reported
Parcel Size:	0	Well Use:	Stock
Addtl Well Use:	Not Reported	Special Use:	Not Reported

Primary Aquifer:	ALL UNNAMED AQUIFERS	Addtl Aquifer:	Not Reported
Division:	1	Water District:	1
Mgmt District:	Not Reported	Ground Water Basin:	Not Reported
Irrigation Area:	0	Yrly Appropriation:	0
Issued Date:	Not Reported	Expiration Date:	Not Reported
Construction Date:	Not Reported	Start Use Date:	Not Reported
Pump Install Date:	Not Reported	Well Plug Date:	Not Reported
Well Elevation:	0	Well Depth:	0
Top of 1st Perf Casing:	0	Bot of Last Perf Casing:	0
Yield (gpm):	0	Static Water Depth (ft):	0
Applicant:	WAILES FARMS INC	OGCC ID:	Not Reported
Comment:	Not Reported		
URL:	https://dwr.state.co.us/Tools/WellPermits/0392327B		

C11
NW
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000336648**

Permit #:	277616-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372A		

D12
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000271218**

Permit #:	245962-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	2003-02-05
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	5225
Well Depth:	480	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	480	Yield (gpm):	7
Static Water Depth (ft):	140	Applicant:	HERNANDEZ, ROBERTO R.
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0501803

D13
West
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000271219**

Permit #:	245962-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35.02000046
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	2003-02-05
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	5225
Well Depth:	480	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	480	Yield (gpm):	7
Static Water Depth (ft):	140	Applicant:	VALADEZ, HORTENCIA R.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0501803		

C14
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000560099**

Permit #:	277618-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2008-05-23
Expiration Date:	Not Reported	Construction Date:	2008-07-07
Start Use Date:	Not Reported	Pump Install Date:	2019-06-17
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	460	Top of 1st Perf Casing:	260
Bot of Last Perf Casing:	460	Yield (gpm):	12
Static Water Depth (ft):	152	Applicant:	NOBLE, ENERGY
OGCC ID:	Not Reported		
Comment:	May Convert This Well To A Monitoring Well If Contaminated And Re-Permit 277617 (Monitoring Well) To Production Well If Not Contaminated. Bdh 05/23/08		
URL:	https://dwr.state.co.us/Tools/WellPermits/3629372C		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C15
NW
1/4 - 1/2 Mile
Lower

CO WELLS **CO9000000267279**

Permit #:	244247-	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-09-17
Expiration Date:	Not Reported	Construction Date:	2003-03-31
Start Use Date:	Not Reported	Pump Install Date:	2003-07-08
Well Plug Date:	2009-01-23	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	400	Yield (gpm):	13.19999981
Static Water Depth (ft):	147	Applicant:	BRITTON JAMES V & SHARON A
OGCC ID:	Not Reported		
Comment:	Converted To Monitoring Well In Permit #277616.		
URL:	https://dwr.state.co.us/Tools/WellPermits/0495417		

16
North
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000562331**

Permit #:	204067-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1997-07-22
Expiration Date:	Not Reported	Construction Date:	1997-09-17
Start Use Date:	Not Reported	Pump Install Date:	2019-08-06
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	480	Top of 1st Perf Casing:	350
Bot of Last Perf Casing:	480	Yield (gpm):	11
Static Water Depth (ft):	203	Applicant:	OBRIEN, JOHN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0417767		

17
NNE
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000207925**

Permit #:	199810-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported

Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-11-26
Expiration Date:	Not Reported	Construction Date:	1997-06-12
Start Use Date:	Not Reported	Pump Install Date:	1997-06-13
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	500	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	500	Yield (gpm):	10
Static Water Depth (ft):	218	Applicant:	PIPER, GARY R
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0407023		

E18
NE
1/4 - 1/2 Mile
Higher

CO WELLS **CO9000000222903**

Permit #:	210089-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	38.5
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-06-03
Expiration Date:	Not Reported	Construction Date:	1998-08-03
Start Use Date:	Not Reported	Pump Install Date:	1998-08-05
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	345	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	345	Yield (gpm):	9
Static Water Depth (ft):	150	Applicant:	GARDNER, JOHN W
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0429099		

F19
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000101065**

Permit #:	127129-	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	Not Reported
Expiration Date:	Not Reported	Construction Date:	1956-12-31
Start Use Date:	1956-12-31	Pump Install Date:	Not Reported
Well Plug Date:	1982-08-15	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0228854A

G20
NW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000265195**

Permit #:	242015-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-07-02
Expiration Date:	Not Reported	Construction Date:	2002-08-18
Start Use Date:	Not Reported	Pump Install Date:	2002-11-14
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	12.19999981
Static Water Depth (ft):	58	Applicant:	JUAREZ, FERMIN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0492132		

G21
NW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000265196**

Permit #:	242015-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-07-02
Expiration Date:	Not Reported	Construction Date:	2002-08-18
Start Use Date:	Not Reported	Pump Install Date:	2002-11-14
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	12.19999981
Static Water Depth (ft):	58	Applicant:	PESCADOR, ARACELI
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0492132		

F22
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000101064**

Permit #:	127129--A	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0

Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1982-09-08
Expiration Date:	Not Reported	Construction Date:	1982-08-31
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	400	Top of 1st Perf Casing:	280
Bot of Last Perf Casing:	400	Yield (gpm):	0
Static Water Depth (ft):	160	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0228854		

E23
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000221237**

Permit #:	208692-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-03-20
Expiration Date:	Not Reported	Construction Date:	1998-05-28
Start Use Date:	Not Reported	Pump Install Date:	1998-06-12
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	320
Bot of Last Perf Casing:	440	Yield (gpm):	13
Static Water Depth (ft):	157	Applicant:	BAAS, YANA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0426895		

24
NNW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000520366**

Permit #:	293-WCB	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1956-01-10
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	394	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOSMER, HAROLD

OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/C010293		

H25
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000206474**

Permit #:	198532-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-09-30
Expiration Date:	Not Reported	Construction Date:	1996-11-06
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	520	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	520	Yield (gpm):	0
Static Water Depth (ft):	216	Applicant:	GOSSANYI, EDUARD C.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0405082		

H26
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000206475**

Permit #:	198532-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	37.90000153
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-09-30
Expiration Date:	Not Reported	Construction Date:	1996-11-06
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	520	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	520	Yield (gpm):	0
Static Water Depth (ft):	216	Applicant:	WILSON, DOMINIQUE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0405082		

27
NNW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000287480**

Permit #:	259921-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0

Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2004-10-21
Expiration Date:	Not Reported	Construction Date:	2004-11-22
Start Use Date:	Not Reported	Pump Install Date:	2005-04-07
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	435	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	415	Yield (gpm):	13
Static Water Depth (ft):	210	Applicant:	STRAIT, JANELLE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0530298		

I28
North
1/2 - 1 Mile
Higher

CO WELLS **CO9000000219619**

Permit #:	207921-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-01-28
Expiration Date:	Not Reported	Construction Date:	1998-03-26
Start Use Date:	Not Reported	Pump Install Date:	1998-05-01
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	440	Yield (gpm):	14
Static Water Depth (ft):	219	Applicant:	BIRRENBACH, CHUCK
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0424299		

I29
North
1/2 - 1 Mile
Higher

CO WELLS **CO9000000559962**

Permit #:	83464-F	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Commercial	Addtl Well Use:	Irrigation
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	7	Issued Date:	2019-08-05
Expiration Date:	2020-07-31	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0

Static Water Depth (ft):	0	Applicant:	RODRIGUEZ, YAMILET
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3692663		

30
WNW
1/2 - 1 Mile
Lower

CO WELLS **CO9000000288087**

Permit #:	260688-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2004-12-02
Expiration Date:	Not Reported	Construction Date:	2005-10-12
Start Use Date:	Not Reported	Pump Install Date:	2005-12-01
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	420	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	420	Yield (gpm):	15
Static Water Depth (ft):	80	Applicant:	PRIEGO, OSCAR P.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0531387		

J31
SSW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000610839**

Permit #:	214757-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-12-15
Expiration Date:	Not Reported	Construction Date:	1999-02-22
Start Use Date:	Not Reported	Pump Install Date:	2022-08-10
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	320	Top of 1st Perf Casing:	220
Bot of Last Perf Casing:	320	Yield (gpm):	12
Static Water Depth (ft):	190	Applicant:	VILLALOBOS, ELPIDIO
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0427474		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J32
SSW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000604230**

Permit #:	195159-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1996-05-22
Expiration Date:	Not Reported	Construction Date:	1996-06-03
Start Use Date:	Not Reported	Pump Install Date:	2022-06-13
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	320	Top of 1st Perf Casing:	180
Bot of Last Perf Casing:	320	Yield (gpm):	8
Static Water Depth (ft):	160	Applicant:	SOMMER, WILLIAM J
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0399015		

K33
ENE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000577249**

Permit #:	320121-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	LOWER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-01-19
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	CMH HOMES, INC. (BUCKRIDGE, AMY)
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10006517		

34
NE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000323690**

Permit #:	268655-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.31000137
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2006-05-01
Expiration Date:	Not Reported	Construction Date:	2006-05-18
Start Use Date:	Not Reported	Pump Install Date:	2007-01-25
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	473	Top of 1st Perf Casing:	273
Bot of Last Perf Casing:	473	Yield (gpm):	15
Static Water Depth (ft):	210	Applicant:	LOYA, ALEJANDRA
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3601757		

K35
ENE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000602431**

Permit #:	320770-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-03-02
Expiration Date:	Not Reported	Construction Date:	2021-04-27
Start Use Date:	Not Reported	Pump Install Date:	2021-04-28
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	380	Top of 1st Perf Casing:	300
Bot of Last Perf Casing:	380	Yield (gpm):	11
Static Water Depth (ft):	80	Applicant:	TRAN, ANDY
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10009034		

L36
East
1/2 - 1 Mile
Higher

CO WELLS **CO9000000580955**

Permit #:	323276-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.15000153
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-08-17
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HOLGUIN-PEREZ, LUIS A.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10008161		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L37
East
1/2 - 1 Mile
Higher

CO WELLS **CO9000000580956**

Permit #:	323276-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40.15000153
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2021-08-17
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	ALFARO, DAVID M.
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/10008161		

38
West
1/2 - 1 Mile
Higher

CO WELLS **CO9000000272083**

Permit #:	247294-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2003-01-22
Expiration Date:	Not Reported	Construction Date:	2003-02-13
Start Use Date:	Not Reported	Pump Install Date:	2003-02-18
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	535	Top of 1st Perf Casing:	325
Bot of Last Perf Casing:	535	Yield (gpm):	11
Static Water Depth (ft):	150	Applicant:	WERNER, VAN P
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0503322		

39
SSE
1/2 - 1 Mile
Higher

CO WELLS **CO9000000055611**

Permit #:	47853-MH	CD DWR ID #:	Not Reported
Well Status:	Well Abandoned	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	0
Well Use:	Monitoring/Sampling	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS

Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2008-05-12
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	2008-05-12	Well Elevation:	0
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0		
Applicant:	METRO WASTEWATER RECLAMATION DISTRICT		
OGCC ID:	Not Reported	Comment:	One (1) Hole To Be Constructed
URL:	https://dwr.state.co.us/Tools/WellPermits/0047853		

40
West
1/2 - 1 Mile
Lower

CO WELLS **CO9000000270864**

Permit #:	245963-	CD DWR ID #:	Not Reported
Well Status:	Permit Canceled	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35
Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2002-11-25
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5230
Well Depth:	0	Top of 1st Perf Casing:	275
Bot of Last Perf Casing:	475	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	HATHAWAY, MARILYN
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0501236		

41
SW
1/2 - 1 Mile
Higher

CO WELLS **CO9000000230869**

Permit #:	215656-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	80
Well Use:	Stock	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	DENVER
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1999-02-11
Expiration Date:	Not Reported	Construction Date:	1999-12-17
Start Use Date:	Not Reported	Pump Install Date:	1999-12-22
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	240	Top of 1st Perf Casing:	160
Bot of Last Perf Casing:	240	Yield (gpm):	10
Static Water Depth (ft):	123	Applicant:	HOSMER, HAROLD W
OGCC ID:	Not Reported	Comment:	Not Reported

URL: https://dwr.state.co.us/Tools/WellPermits/0439805

42
NNW **CO WELLS** **CO9000000273207**
1/2 - 1 Mile
Lower

Permit #:	253525-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	ALL UNNAMED AQUIFERS
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	2003-03-24
Expiration Date:	Not Reported	Construction Date:	2003-06-26
Start Use Date:	Not Reported	Pump Install Date:	2003-07-02
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	440	Top of 1st Perf Casing:	240
Bot of Last Perf Casing:	440	Yield (gpm):	13
Static Water Depth (ft):	139	Applicant:	SCHUTTER DONALD J & MEYER TARA L
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0505181		

43
SW **CO WELLS** **CO9000000226745**
1/2 - 1 Mile
Higher

Permit #:	212797-	CD DWR ID #:	Not Reported
Well Status:	Well Constructed	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	40
Well Use:	Domestic	Addtl Well Use:	Stock
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	0
Yrly Appropriation:	0	Issued Date:	1998-09-24
Expiration Date:	Not Reported	Construction Date:	1999-05-06
Start Use Date:	Not Reported	Pump Install Date:	2000-10-05
Well Plug Date:	Not Reported	Well Elevation:	0
Well Depth:	540	Top of 1st Perf Casing:	340
Bot of Last Perf Casing:	540	Yield (gpm):	15
Static Water Depth (ft):	317	Applicant:	BEAUCHAMP GAYLE LYNNE
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/0434155		

44
WSW **CO WELLS** **CO9000000364604**
1/2 - 1 Mile
Lower

Permit #:	297020-	CD DWR ID #:	Not Reported
Well Status:	Permit Issued	Well Name:	0
Water Court Case #:	Not Reported	Parcel Size:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Domestic	Addtl Well Use:	Not Reported
Special Use:	Not Reported	Primary Aquifer:	UPPER ARAPAHOE
Addtl Aquifer:	Not Reported	Division:	1
Water District:	1	Mgmt District:	Not Reported
Ground Water Basin:	Not Reported	Irrigation Area:	1
Yrly Appropriation:	0	Issued Date:	2015-03-06
Expiration Date:	Not Reported	Construction Date:	Not Reported
Start Use Date:	Not Reported	Pump Install Date:	Not Reported
Well Plug Date:	Not Reported	Well Elevation:	5250
Well Depth:	0	Top of 1st Perf Casing:	0
Bot of Last Perf Casing:	0	Yield (gpm):	0
Static Water Depth (ft):	0	Applicant:	KRUSE, JIM
OGCC ID:	Not Reported	Comment:	Not Reported
URL:	https://dwr.state.co.us/Tools/WellPermits/3668405		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSW
0 - 1/8 Mile

OIL_GAS **COOG30000001934**

API #:	05-001-07398	Well #:	4
Well Name:	HOSMER	Operator:	NORTH AMERICAN RESOURCES COMPAN
Operator #:	63800	Spud Date:	01-FEB-79
Ground Elevation (ft):	5261	Max Measured Depth (ft):	7990
Max Total Vert Depth (ft):	7990	Location Name:	HOSMER-61S64W 34SWNW
Field Name:	JAMBOREE	Facility ID:	201994
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

A2
NW
1/4 - 1/2 Mile

OIL_GAS **COOG30000000878**

API #:	05-001-06279	Well #:	41-33
Well Name:	THOMAS W WAILES	Operator:	UNION PACIFIC RAILROAD CO
Operator #:	91108	Spud Date:	16-MAR-71
Ground Elevation (ft):	5250	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	THOMAS W WAILES-61S64W 33NENE
Field Name:	JAMBOREE	Facility ID:	200876
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

A3
NW
1/4 - 1/2 Mile

OIL_GAS **COOG30000002162**

API #:	05-001-07626	Well #:	1-X
Well Name:	WAILES 41-33 (OWP)	Operator:	PAINTED PEGASUS PETROLEUM LLC
Operator #:	10711	Spud Date:	17-JUN-80
Ground Elevation (ft):	5255	Max Measured Depth (ft):	7990
Max Total Vert Depth (ft):	0	Location Name:	WAILES 41-33-61S64W 33NENE
Field Name:	JAMBOREE	Facility ID:	202221
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

4
South
1/4 - 1/2 Mile

OIL_GAS **COOG30000000872**

API #:	05-001-06273	Well #:	14-34 (OWP)
Well Name:	HOSMER	Operator:	PAINTED PEGASUS PETROLEUM LLC
Operator #:	10711	Spud Date:	07-APR-77
Ground Elevation (ft):	5268	Max Measured Depth (ft):	8015
Max Total Vert Depth (ft):	8015	Location Name:	HOSMER-61S64W 34SWSW
Field Name:	JAMBOREE	Facility ID:	200870
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

Map ID
Direction
Distance

Database EDR ID Number

5
East **OIL_GAS** **COOG30000000838**
1/4 - 1/2 Mile

API #:	05-001-06239	Well #:	2
Well Name:	HOSMER	Operator:	VESSELS* TOM
Operator #:	93206	Spud Date:	09-JAN-71
Ground Elevation (ft):	5301	Max Measured Depth (ft):	7980
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-61S64W 34SWNE
Field Name:	JAMBOREE	Facility ID:	200836
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

6
West **OIL_GAS** **COOG30000000854**
1/4 - 1/2 Mile

API #:	05-001-06255	Well #:	1
Well Name:	WAILES (THOMAS) 32-33	Operator:	ENERVEST OPERATING LLC
Operator #:	10098	Spud Date:	28-FEB-71
Ground Elevation (ft):	5221	Max Measured Depth (ft):	7975
Max Total Vert Depth (ft):	7975	Location Name:	WAILES (THOMAS) 32-33-61S64W 33SWNE
Field Name:	JAMBOREE	Facility ID:	200852
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

7
SW **OIL_GAS** **COOG30000001858**
1/2 - 1 Mile

API #:	05-001-07317	Well #:	2
Well Name:	UPRR 23 PAN AM B	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	08-APR-78
Ground Elevation (ft):	5282	Max Measured Depth (ft):	8100
Max Total Vert Depth (ft):	0	Location Name:	UPRR 23 PAN AM B-61S64W 33SWSE
Field Name:	JAMBOREE	Facility ID:	201913
Facility Type:	WELL	Facility Status:	Producing Well.

8
NE **OIL_GAS** **COOG30000000809**
1/2 - 1 Mile

API #:	05-001-06210	Well #:	1
Well Name:	UPRR 23 PAN AM A	Operator:	AMOCO PRODUCTION COMPANY
Operator #:	2500	Spud Date:	01-OCT-70
Ground Elevation (ft):	5299	Max Measured Depth (ft):	7953
Max Total Vert Depth (ft):	7953	Location Name:	UPRR 23 PAN AM A-61S64W 27SWSE
Field Name:	JAMBOREE	Facility ID:	200807
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

Map ID
Direction
Distance

Database EDR ID Number

9
SE
1/2 - 1 Mile

OIL_GAS **COOG30000001879**

API #:	05-001-07338	Well #:	3
Well Name:	HOSMER	Operator:	VESSELS OIL & GAS COMPANY
Operator #:	93200	Spud Date:	28-JUN-78
Ground Elevation (ft):	5335	Max Measured Depth (ft):	7991
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-61S64W 34SWSE
Field Name:	JAMBOREE	Facility ID:	201934
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

10
NW
1/2 - 1 Mile

OIL_GAS **COOG30000001881**

API #:	05-001-07342	Well #:	2
Well Name:	HOSMER HAROLD W.	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	24-JUN-78
Ground Elevation (ft):	5232	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	HOSMER HAROLD W.-61S64W 28SWSE
Field Name:	JAMBOREE	Facility ID:	201938
Facility Type:	WELL	Facility Status:	Producing Well.

11
SE
1/2 - 1 Mile

OIL_GAS **COOG30000003284**

API #:	05-001-08860	Well #:	34-34
Well Name:	CAITLIN	Operator:	TANDEM OIL CO
Operator #:	85552	Spud Date:	14-APR-88
Ground Elevation (ft):	5339	Max Measured Depth (ft):	7965
Max Total Vert Depth (ft):	7965	Location Name:	CAITLIN-61S64W 34SWSE
Field Name:	JAMBOREE	Facility ID:	203351
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

12
ENE
1/2 - 1 Mile

OIL_GAS **COOG30000000774**

API #:	05-001-06176	Well #:	1
Well Name:	HOSMER	Operator:	GREAT WESTERN OPERATING COMPANY
Operator #:	10110	Spud Date:	01-JUL-70
Ground Elevation (ft):	5281	Max Measured Depth (ft):	7932
Max Total Vert Depth (ft):	0	Location Name:	GREAT WESTERN HOSMER 1
Field Name:	JAMBOREE	Facility ID:	200773
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

Map ID
Direction
Distance

Database EDR ID Number

13
SSE
1/2 - 1 Mile

OIL_GAS **COOG30000001878**

API #:	05-001-07337	Well #:	2
Well Name:	UPRR 24 PAN AM C	Operator:	KP KAUFFMAN COMPANY INC
Operator #:	46290	Spud Date:	14-JUN-78
Ground Elevation (ft):	5294	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	UPRR 24 PAN AM C-62S64W 3NENW
Field Name:	JAMBOREE	Facility ID:	201933
Facility Type:	WELL	Facility Status:	Producing Well.

14
ESE
1/2 - 1 Mile

OIL_GAS **COOG30000003309**

API #:	05-001-08887	Well #:	34-43
Well Name:	HOSMER	Operator:	PAR PACIFIC HOLDINGS INC
Operator #:	16800	Spud Date:	20-NOV-88
Ground Elevation (ft):	5305	Max Measured Depth (ft):	7976
Max Total Vert Depth (ft):	7976	Location Name:	HOSMER-61S64W 34NESE
Field Name:	JAMBOREE	Facility ID:	203378
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

15
SSW
1/2 - 1 Mile

OIL_GAS **COOG30000003402**

API #:	05-001-09049	Well #:	4-1
Well Name:	HOSMER	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-DEC-91
Ground Elevation (ft):	5305	Max Measured Depth (ft):	8042
Max Total Vert Depth (ft):	0	Location Name:	HOSMER-62S64W 4NENE
Field Name:	JAMBOREE	Facility ID:	203489
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

16
SW
1/2 - 1 Mile

OIL_GAS **COOG30000004014**

API #:	05-001-09733	Well #:	4-2
Well Name:	HOSMER	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	12-MAY-12
Ground Elevation (ft):	5274	Max Measured Depth (ft):	8101
Max Total Vert Depth (ft):	0	Location Name:	HOSMER 4-2
Field Name:	JAMBOREE	Facility ID:	425173
Facility Type:	WELL		
Facility Status:	Shut-In Well: Completed Well Is Not Producing But Is Mechanically Capable Of Production		

Map ID
Direction
Distance

Database EDR ID Number

17
NW
1/2 - 1 Mile

OIL_GAS **COOG30000002345**

API #:	05-001-07810	Well #:	1 (OWP)
Well Name:	CHAPMAN	Operator:	PETROSHARE CORPORATION
Operator #:	10454	Spud Date:	02-MAR-81
Ground Elevation (ft):	5231	Max Measured Depth (ft):	8000
Max Total Vert Depth (ft):	0	Location Name:	CHAPMAN-61S64W 28NWSE
Field Name:	JAMBOREE	Facility ID:	202405
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

18
North
1/2 - 1 Mile

OIL_GAS **COOG30000003416**

API #:	05-001-09066	Well #:	1
Well Name:	SATTERFIELD	Operator:	GOODWIN ENERGY MANAGEMENT LLC
Operator #:	10395	Spud Date:	25-FEB-92
Ground Elevation (ft):	5240	Max Measured Depth (ft):	7950
Max Total Vert Depth (ft):	7950	Location Name:	SATTERFIELD-61S64W 27SWNW
Field Name:	JAMBOREE	Facility ID:	203506
Facility Type:	WELL	Facility Status:	Producing Well.

B19
East
1/2 - 1 Mile

OIL_GAS **COOG30000000795**

API #:	05-001-06197	Well #:	1
Well Name:	UPRR PAN AM 24	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-AUG-70
Ground Elevation (ft):	5254	Max Measured Depth (ft):	7900
Max Total Vert Depth (ft):	7900	Location Name:	UPRR PAN AM 24-61S64W 35SWNW
Field Name:	JAMBOREE	Facility ID:	200794
Facility Type:	WELL	Facility Status:	Producing Well.

B20
East
1/2 - 1 Mile

OIL_GAS **COOG30000000796**

API #:	05-001-06197	Well #:	1
Well Name:	UPRR PAN AM 24	Operator:	RENEGADE OIL & GAS COMPANY LLC
Operator #:	74165	Spud Date:	13-AUG-70
Ground Elevation (ft):	5254	Max Measured Depth (ft):	7900
Max Total Vert Depth (ft):	7900	Location Name:	UPRR PAN AM 24-61S64W 35SWNW
Field Name:	JAMBOREE	Facility ID:	200794
Facility Type:	WELL	Facility Status:	Producing Well.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

21
NE
1/2 - 1 Mile

OIL_GAS **COOG30000002962**

API #:	05-001-08429	Well #:	43-27
Well Name:	UPRR HANSON	Operator:	ROCKY MOUNTAIN PROD CO
Operator #:	74890	Spud Date:	03-MAY-84
Ground Elevation (ft):	5234	Max Measured Depth (ft):	7898
Max Total Vert Depth (ft):	7898	Location Name:	UPRR HANSON-61S64W 27NESE
Field Name:	JAMBOREE	Facility ID:	203023
Facility Type:	WELL	Facility Status:	Plugged And Abandoned Well.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CO Radon

Radon Test Results

Zip	Total Sites	Avg	% sites<=4 pCi/L	% sites>4&<10 pCi/L	% sites>=10&<20 pCi/L	% sites>20 pCi/L
80642	1	3.30	100.00	0.00	0.00	0.00

Federal EPA Radon Zone for ADAMS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 80642

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Data
Source: Division of Wildlife
Telephone: 970-416-3360

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Colorado GIS Well Database
Source: Office of State Engineer, Division of Water Resources
Telephone: 303-866-3581
The GIS Well database includes all wells that the Division of Water Resources permits.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations
Source: Department of Natural Resources
Telephone: 303-894-2100

RADON

State Database: CO Radon
Source: Department of Public Health & Environment
Telephone: 303-692-3090
Radon Study in Colorado

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D
Site Background Questionnaire

The ASTM Standard (E 1527-21, Section 10) for Phase I Environmental Site Assessments requires interviews with past and present owners and occupants of the property in order to obtain information on the history and uses of the property. Please answer the questions below to the best of your knowledge. Please provide additional information for all YES answers.

1. **Current Property Uses and Buildings:**

How long have you owned or occupied the property?

Owned since 2017

Describe the current uses of the property.

Ranch and barn

How long has the property been used for these purposes?

6 years

Describe any buildings on the property and indicate the years they were constructed.

A barn built in 2018

2. **Past Uses:** Describe the past use(s) of the property and indicate the time period for each use, if known.

Crop farming

3. **Previous Owners/Operators:** Please identify previous owners and operators and provide their contact information (if available).

Ladonna Hossmer, granddaughter of the original owner

4. **Industrial Uses:** Please indicate whether the property or adjoining properties have been used for the following industrial uses. **Adjoining properties** include properties that are across the street from yours.

Industrial Use	Yes (Property)	Yes (Adjoining Property)	No
Gasoline Station	☐	☐	☑
Printing Facility	☐	☐	☑
Metal Plating Manufacturing	☐	☐	☑
Landfill	☐	☐	☑
Auto Repair/Service Facility	☐	☐	☑
Dry Cleaners	☐	☐	☑
Junkyard/Auto Dismantling	☐	☐	☑
Waste Treatment	☐	☐	☑
Other Industrial Use (please describe below):	☐	☐	☑

5. **Agricultural Uses:** Has the subject property ever been used for agricultural purposes?
☑ Yes ☐ No ☐ Unknown

If yes, please indicate whether any of the following have been present on the subject property.

Agricultural Use	Yes	No	Location
Cattle Hoof Wash	☐	☑	
Wheel Wash, Copper Solution or Other	☐	☑	
Orchards	☐	☑	Location, type, duration:
Orchard Heaters/Smudge Pots	☐	☑	
Pesticide/Herbicide/Fungicide Storage	☐	☑	Location, type, duration:
Pesticide/Herbicide/Fungicide Application	☐	☑	Location, type, duration:

6. **Dump/Burn Areas:** Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped above ground, buried, or burned on the property?
☐ Yes ☑ No ☐ Unknown

If yes, please describe:

7. **Hazardous Substances Storage:** Have any of the following items been stored on the property in containers *greater than 5 gallons*? If yes, please describe.

Substance	Yes	No	Substance and Container Size (e.g., waste oil in 55-gallon drum)
Paint	☐	☑	
Chemicals	☐	☑	
Solvents	☐	☑	
Pesticides	☐	☑	
Fuel	☐	☑	
Oil	☐	☑	
Other (please identify):	☐	☑	

8. **Hazardous Substances Spills:** Have there been spills of the substances in Question 6?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

9. **Pipelines:** Have hazardous substances or petroleum products been transferred across the property in pipelines, either above or below ground?

☐ Yes ☐ No ☐ Unknown

If yes, please provide the type of hazardous substance:

Natural gas line (east-west trending), approximately 150 feet of the south property line

Have any spills occurred?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

10. **Fill Dirt:** Has fill dirt been brought onto the property from an off-site source?

☐ Yes ☑ No ☐ Unknown

If yes, what was the source of fill dirt?

If yes, was/is there evidence that the fill dirt in may be contaminated?

☐ Yes ☐ No ☐ Unknown

If yes, please provide soil sampling data, if available, or describe other evidence:

11. **Pits, Ponds, and Lagoons:** Are there currently any pits, ponds, or lagoons on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

Have any pits, ponds, or lagoons previously existed on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

12. **Stained Soil:** Are there currently any areas on the property with stained soil?

☐ Yes ☑ No ☐ Unknown

If yes, please describe where, the size of stain, if there were odors, etc.:

Has stained soil previously existed on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe where, size of stain, if there were odors, etc.:

13. **Storage Tanks:** Do underground or aboveground storage tanks exist or have they existed previously on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please provide details below. If tanks previously existed on the property, please describe how they were closed (e.g., removed, abandoned in place).

Tank Size	Year Installed	Contents	Closure Method (if applicable)	Year Closed (if applicable)

14. **Fill Pipes/Vent Pipes/Access Ways:** Do fill pipes, vent pipes, or access ways indicating the presence of underground storage tanks currently exist on the property?

☐ Yes ☑ No ☐ Unknown

Have fill pipes or vent pipes, which may indicate the presence of an underground storage tank, been removed from the property?

☐ Yes ☑ No ☐ Unknown

15. **Floor Drains:** Are floor drains stained with anything other than water or do they emit foul odors on the property?

☐ Yes ☑ No ☐ Unknown

16. **Private Well/Non-Public Water Source:** Is the property served by a private well or other non-public water source?

☑ Yes ☐ No ☐ Unknown

If yes, please describe source

Are contaminants known to exist in any private well or non-public water system serving the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

17. **Wastewater:** Does the property discharge wastewater, other than domestic wastewater or stormwater, into the sewer?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

Does a neighboring property discharge wastewater, other than stormwater, onto the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe

Other than permission for domestic hookup, has any type of permit(s) for wastewater discharge been issued to the property?

☐ Yes ☐ No ☐ Unknown

If yes, please describe

18. **Septic Tank:** Does a septic tank exist, or has one existed previously at the property?

☑ Yes (currently exists) ☐ Yes (previously existed, was removed) ☐ No ☐ Unknown

19. Cesspools/Cisterns: Do cesspools or cisterns currently exist on the property?

☐ Yes (cesspool) ☐ Yes (cistern) ☑ No ☐ Unknown

Have cesspools or cisterns previously existed on the property?

☐ Yes (cesspool) ☐ Yes (cistern) ☑ No ☐ Unknown

20. Transformer/Capacitor: Is there a transformer or capacitor on the property?

☑ Yes ☐ No ☐ Unknown installed in 2018

If yes, is it known to contain PCBs?

☐ Yes ☑ No ☐ Unknown _____

21. Hydraulic Equipment: Is there any hydraulic equipment such as automobile lifts or elevators on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe type and number of equipment:

If yes, is the hydraulic oil known to contain PCBs?

☐ Yes ☐ No ☐ Unknown

22. Surveys: Has an asbestos and/or lead based paint survey been conducted at the property?

☐ Yes ☑ No ☐ Unknown

If yes, when was the survey(s) conducted? Please provide copies of the reports if available.

23. Pesticides: Have pesticides, herbicides, or insecticides been applied on the property?

☐ Yes ☑ No ☐ Unknown

If yes, describe type and when they were used:

24. Environmental Cleanups: Are you aware of any environmental cleanups/remediation that have occurred on the property?

☐ Yes ☑ No ☐ Unknown

25. Notice of Violation: Have notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products associated with activities conducted on the property been issued?

☐ Yes ☑ No ☐ Unknown

26. Documents: Has the property been included in any of the following documents? (Please provide any of the available documents.)

Document	Yes	No	Unknown
Phase I or II Environmental Assessment Reports	☐	☑	☐
Environmental Compliance Audits	☐	☑	☐
Environmental Permits	☐	☑	☐
Underground or Aboveground Tank Registrations	☐	☑	☐
Underground Injection System Registrations	☐	☑	☐
Health & Safety Plan / Safety Data Sheets	☐	☑	☐
Community Right-to-Know Plan	☐	☑	☐
Spill Prevention, Control, and Countermeasure Plan	☐	☑	☐
Hazardous Materials Business Plan	☐	☑	☐
Sampling, Remediation, or Risk Assessment Reports	☐	☑	☐
Hazardous Waste Generator Manifests	☐	☑	☐
Geotechnical Reports	☐	☑	☐

27. **Environmental** Assessments**:** Are there any other environmental assessments that identified hazardous substances or petroleum products on the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

28. **Litigation/Administrative Proceedings:** Is there any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products associated with the property?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

29. **Additional Knowledge:** Are you aware of any other information (not provided above) about the property related to a releases or potential release of hazardous substances or petroleum products?

☐ Yes ☑ No ☐ Unknown

If yes, please describe:

Answers dictated to S. Smith of Dudek via phone — 6/14/2024

Signature — Date

Ryan Specht

Name (Printed)

☑ Owner ☐ Occupant ☐ Owner Representative

Property Address: Cavanaugh Road

Appendix E
Local Agency Records

COGIS - NOAV Report

Facility Type	Facility ID/ API	Facility Name/ Number	Operator Name/ Number	Status	Field Name/ Number	Location	Location ID	Related Facilities
WELL	05-001-07398	HOSMER 4	NORTH AMERICAN RESOURCES COMPANY 63800	PA 10/17/2000	JAMBOREE 40590	ADAMS 001 SWNW 34 1S64W 6	376175	

Operator Information

Related Docs by API Docs under NOAV

DocNum:	895763	**Date Rec'd:**	4/14/2000
Operator:	NORTH AMERICAN RESOURCES CO	**Oper. No.**	63800
Address:	16 E GRANITE BUTTE MT 59701		
Company Rep.			
Well Name/No.	HOSMER 4		
Location	SWNW 34 1S64W 6		
Fac.ID:	201994	**Fac.Type:**	WELL
API number:	05-001-07398	**County**	ADAMS
CECMC Rep:	Larry Robbins	**Phone:**	303(894-2100)

Alleged Violation(s):

Date Of Alleged Violation: 1/1/2000 **Approx. time Of violation:**

WELL HAS BEEN SHUT-IN AND NOT PRODUCED SINCE DECEMBER 1997

Act, Order, Regulation, Permit Conditions Cited:

RULES 319.b.(3) AND 326.b.

Abatement or Corrective Action Required to be Performed by Operator

PUT ON PRODUCTION, PASS A MECHANICAL INTEGRITY TEST OR PLUG AND ABANDON WITHIN SIX (6) MONTHS

Abatement or Corrective Action Required to be Completed By: 10/11/2000

This section To be completed by Operator when alleged violation Is corrected

N/A

Company Rep: **Title:**

Signature? **Date:** 11/1/2000

CECMC Signature? Y **Date:** 12/30/1899

Resolution approved by: LARRY ROBBINS **Title:**

Final Resolution

Date	Case Closed?	Letter Sent?	CECMC Person
11/1/2000	Y		Larry Robbins

WELL HAS BEEN PLUGGED AND ABANDONED

Monday, May 6, 2024

COGIS - Field Inspection Report

Facility Type	Facility ID/ API	Facility Name/ Number	Operator Name/ Number	Status	Field Name/ Number	Location	Location ID	Related Facilities
WELL	05-001-07398	HOSMER 4	NORTH AMERICAN RESOURCES COMPANY 63800	PA 10/17/2000	JAMBOREE 40590	ADAMS 001 SWNW 34 1S64W 6	376175	

Related GIS Doc

API Number: **05-001-07398**	Name: **HOSMER #4**
Location: **SWNW 34 1S64W**	Lat: **39.921731** Long: **-104.543531**
Operator #: **63800**	Operator Name: **NORTH AMERICAN RESOURCES COMPANY**
Inspection Date: **8/6/2002**	Inspector: **Larry Robbins**
Inspection was: **Satisfactory**	

Insp. Type: **SR**	Insp. Stat: **PA**	Reclamation (Pass, Interim Or Fail): **P**	P&A (Pass/Fail): **P**
Brhd. Pressure:	Inj. Pressure:	T-C Ann. Pressure:	UIC Violation Type:
Violation: **N**	NOAV Sent: **N**	Date Corrective Action Due: **N/A**	Date Remedied: **N/A**

Field Inspection Comments And Observations

Insp. Comment	Inspection/Violation Comments
MISC	FINAL P&A INSPECTION, APPROVED FOR BOND RELEASE.
SURFRH	RECLAMATION COMPLETED, NO VISIBLE SIGN OF WELLSITE IN PLOWED FIELD.

Monday, May 6, 2024

Stephanie Chao

From: cdphe_cora_hmwmd - CDPHE, CDPHE <cdphe_cora_hmwmd@state.co.us>
Sent: Monday, May 6, 2024 12:48 PM
To: Stephanie Chao
Subject: Re: Records review Request Stephanie Chao schao@dudek.com

Hi Stephanie,

HMWMD Records has no files for 12500 Cavanaugh Rd, Hudson. We do not index parcel numbers and cannot search on that information.

Thanks,
Kay

On Mon, May 6, 2024 at 12:58 PM Formsite <noreply@fs20.formsite.com> wrote:

> A new request has been submitted. Please copy the respondent's email from the subject line.
>
> View this result: #21330877
>
> This email was sent as a result of a form being completed.
> Report unwanted email.
>
> formsite
> POWERED BY formstack

--
You can search records via the OnBase Public Access Viewer. See User Guides for tips on searching here: HMWMD User Guides

Or, use our interactive map

Visit the HMWMD Records page for additional information on HMWMD programs and records procedures.

COLORADO
Division of Water Resources
Department of Natural Resources

WELL PERMIT NUMBER 307465-
RECEIPT NUMBER 3683113

ORIGINAL PERMIT APPLICANT(S)

RYAN SPECHT

APPROVED WELL LOCATION

Water Division: 1 Water District: 1
Designated Basin: N/A
Management District: N/A
County: ADAMS
Parcel Name: N/A
Physical Address: 12500 CAVANAUGH RD BRIGHTON, CO 80602

SW 1/4 NW 1/4 Section 34 Township 1.0 S Range 64.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone:13, NAD83)

Easting: 538978.0 Northing: 4419345.8

PERMIT TO CONSTRUCT A NEW WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL

1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.

2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.

3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a tract of land of 39.06 acre(s) described as that portion of the SW1/4 of the NW 1/4, Sec. 34, Twp. 1 South, Rng 64. West, 6th P.M., Adams County, more particularly described on the attached exhibit A.

4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than three (3) single family dwellings, the watering of poultry, domestic animals and livestock on a farm or ranch and the irrigation of not more than one (1) acre of home gardens and lawns.

5) Production from this well is restricted to the Upper Arapahoe aquifer, which corresponds to the interval between 290 feet and 480 feet below the ground surface. Plain casing shall be installed and grouted to prevent production from other zones.

6) The pumping rate of this well shall not exceed 15 GPM.

7) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.

8) This well shall be constructed not more than 200 feet from the location specified on this permit.

NOTE: To ensure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above.

NOTE: This permit will expire on the expiration date unless the well is constructed by that date. A Well Construction and Yield Estimate Report (GWS-31) must be submitted to the Division of Water Resources to verify the well has been constructed. An extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64) available at: http://www.water.state.co.us

NOTICE: This permit has been approved subject to the following changes: The UTM coordinate values were calculated from the distances from section lines provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

Debbie Gonzales

Issued By DEBRA GONZALES

Date Issued: 11/1/2017
Expiration Date: 11/1/2019

COGIS - WELL SCOUT CARD

Related Insp MIT GIS Doc COA Wellbore Orders Bradenhead

This operator is no longer active in the State of Colorado.

Surface Location
API# 05-001-07398

Well Classification: OW **Status: PA - 10/17/2000**

Well Name/No:	HOSMER #4 (Click Well Name for Production Data)	Click Here for Transporter Gatherer Info	
Operator:	NORTH AMERICAN RESOURCES COMPANY - 63800 (Click Operator Name for Company Detail Report)	Federal Or State Lease #:	
Facility Status:	PA	Status Date	10/17/2000
FacilityID:	**201994**	LocationID:	376175
County:	ADAMS #001	Location:	SWNW 34 1S64W 6
Field:	JAMBOREE - #40590	Elevation:	5261 ft.
Planned Location:	1980FNL 660 FWL	Lat/Long: 39.921731 / -104.543531	Lat/Long Source: Calculated From Footages

Expand Section

Wellbore And Formation Details -- select either a wellbore Or formation to expand.

Wellbore #00 **Status: PA - 10/17/2000** **Measured TD: 7990 ft.** **Vertical TD: 7990 ft.**

Formation JSND **Status: AB - 10/17/2000** **Interval Top: 7862 ft.** **Interval Bottom: 7910 ft.**

Formation DJSND **Status: AB - 10/17/2000** **Interval Top: 7795 ft.** **Interval Bottom: 7910 ft.**

Formation DSND **Status: AB - 10/17/2000** **Interval Top: 7795 ft.** **Interval Bottom: 7805 ft.**

Primary Well Designation: None *i*

All Designations		Date
Reported Plugged	N	
Out Of Service Repurposed	N	
Out Of Service	N	
Inactive Exception	N	
Noticed Inactive	N	
Defined Inactive	N	
Low Producing	N	

BOE/MCFE/GOR Calculations Production for Previous 12 Months

February 2023 - January 2024 *i*

Total Oil Produced (Barrels)	0
Total Gas Produced (MCF)	0
GOR	
GOR Determination	
Average BOE per Day	0.000
Average MCFE per Day	0.000

Federal Financial Assurance	*i*	

Tribal Well	*i*	No

Stephanie Chao

From: CED Admin <CEDAdmin@adcogov.org>
Sent: Thursday, May 9, 2024 6:23 AM
To: Stephanie Chao
Cc: cora
Subject: RE: Public Records Request
Attachments: CORA Responsive Documents.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning,

This email is in response to your CORA request that was received on 05/08/2024, in which you requested information related to 12500 Cavanaugh Rd Hudson, CO 80642. All responsive public records in the possession of the County are attached to this email. Our environmental programs team did not find any documents associated with hazardous material or storage tanks. The health department may have records if any are related to this request.

Please note that some documents have been withheld because they are proprietary information, and we believe they fall under CRS 24-72-204(3)(a)(IV) – documents that the County must deny the right of inspection to as "trade secrets, privileged information, and confidential commercial, financial, geological, or geophysical data…." We do not believe we have the discretion to release them to any party. If you wish to request these documents from the individual that prepared them, you can contact the following to see if they would be willing to release them:

High Plains Engineering & Design
555 Main St PO Box 1077 Hudson, CO 80642
303.857.9280

Aztec Steel Buildings
200 Bradley St McKees Rocks, PA 15136
800.349.0150

As your request did not require that any records be printed and took less than one hour of staff time to fulfill, there are no costs/fees associated with it. The County's response to your CORA request is now considered to be complete.

Sincerely,

Brady Carstens
Business Operations Coordinator, Community & Economic Development
4430 South Adams County Parkway, Suite W2000B
Brighton, CO 80601-8212
720.523.6933 | bcarstens@adcogov.org

From: cora <cora@adcogov.org>
Sent: Wednesday, May 8, 2024 8:13 AM
To: CED Admin <CEDAdmin@adcogov.org>; Public Health CORA Requests <PublicHealthCORA@adcogov.org>
Subject: FW: Public Records Request

Good Morning,

Please see CORA request. Please cc the CORA inbox upon fulfillment.

Thank you.

From: Stephanie Chao <schao@dudek.com>
Sent: Tuesday, May 7, 2024 7:25 PM
To: cora <cora@adcogov.org>
Subject: Public Records Request

> You don't often get email from schao@dudek.com. Learn why this is important

Please be cautious: This email was sent from outside Adams County

Hi there, my name is Stephanie Chao. I'd like to request all records and permit information for a property identified at 12500 Cavanaugh Road in Hudson, Adams County, CO 80642. The Parcel ID is 156534200004. I've attached the Open Records Request Form to this email that includes further information on the types of records I'm searching for. Please let me know if there's any additional information I could help to provide you with to facilitate this request.

Thanks!

Stephanie Chao
Environmental Engineer
DUDEK

O: 760 479 4849 **C:** 442 325 2651
dudek.com

Colorado Open Records Act (CORA)
Request Form

Date: May 7, 2024

Name of Requesting Party: Stephanie Chao of Dudek

Contact Information: (phone and/or email address)

email: schao@dudek.com / phone: (442) 325-2651

Request: (please be as specific as possible, for information about a property include address)

Property Address: 12500 Cavanaugh Road, Hudson, CO 80642
Property Parcel ID: 156534200004

I'd like to request all records and permit information for the property identified above. I am conducting a Phase I Environmental Site Assessment and am looking for information focused on agricultural use (pesticide/herbicide/insecticide usage), building permits, hazardous materials and chemical usage/storage, underground and aboveground storage tanks (USTs and ASTs), and/or releases/investigations associated with the property.

Document Review Preference: (if options are available)

- ☐ In person in County office/department
- ☑ Email
- ☐ Photocopy
- ☐ Other: _____

BUILDING PERMIT APPLICATION

COUNTY OF ADAMS
450 SOUTH 4TH AVENUE BRIGHTON, COLORADO 80601
659-2120

Complete Numbered Lines – PRINT

1 JOB ADDRESS: 12500 Cavanaugh Mile Rd. LOT | BLOCK OR TRACT
2 SUBDIVISION | CENSUS TRACT
3 LEGAL DESCRIPTION: SWNW Sec. 34 Township 1 South, Range 64 west
4 Setbacks from Property Lines: N 1800' m/l S E W 140'
5 OWNER: Vessels Oil & Gas Co. MAIL ADDRESS: 600 S. Cherry St. ZIP: 80202 PHONE: 659-7443 321-0202
6 CONTRACTOR: Johnson Oilfield Service MAIL ADDRESS: P.O. Box 343 Brighton PHONE: 659-5962 LICENSE NO.
7 ARCHITECT OR DESIGNER MAIL ADDRESS PHONE LICENSE NO.
8 ENGINEER MAIL ADDRESS PHONE LICENSE NO.
9 PLUMBING CONTRACTOR MAIL ADDRESS BRANCH
10 ELECTRICAL CONTRACTOR
11 USE OF BUILDING OR IMPROVEMENT: Tank Battery | Ownership: ☒ Private ☐ Public
12 Class of work: ☒ NEW ☐ ADDITION ☐ ALTERATION ☐ REPAIR ☐ MOVE ☐ REMOVE
13 Describe Work: Tank Battery: (1) Treator-Separator (1) 300Bbl Tank

$7,200.00 $3,000.00

14 Change of Use From To

TYPE OF HEATING FUEL	TYPE OF SEWAGE DISPOSAL ☐ PUBLIC ☐ PRIVATE	TYPE OF WATER SUPPLY ☐ PUBLIC ☐ PRIVATE

15 Valuation of Work: $ 10,000.00

Type of Const.	Occupancy Group	Size of Bldg. (Total) Sq. Ft.
Fire Zone	No. of Stories	Max. Occ. Load
No. of Dwelling Units	Number of Bedrooms	Number of Bathrooms
Fire Sprinklers Required ☐ Yes ☐ No	OFFSTREET PARKING SPACES: Covered	Uncovered

SPECIAL CONDITIONS: flowing well No pumping unit

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 60 DAYS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 120 DAYS AT ANY TIME AFTER WORK IS COMMENCED.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND REGULATIONS GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

Bob Johnson By:
SIGNATURE OF CONTRACTOR OR AUTHORIZED AGENT (DATE)

SIGNATURE OF OWNER (OR OWNER BUILDER) (DATE)

Special Approvals	Required	Received	Not Required
ZONING			
ENGINEERING			
HEALTH DEPT.			
FIRE DEPT.	Haz + Oil Dept.	—	11

FEES: DRAINAGE AREA	
8% PAYMENT	
BUILDING PERMIT	52-
Check No. 04666 Cash M.O. Total	52-

WHEN PROPERLY VALIDATED (IN THIS SPACE) THIS IS YOUR PERMIT

PERMIT VALIDATION
APPROVED BY 2-20-79

PERMIT NUMBER 84-79

White–Building Dept. Pink–Applicant Goldenrod–Assessor Yellow–Inspectors Yellow–S.R.A.

JOB ADDRESS 12500 Cavanaugh Mile Rd.
SECTION 34 T. 1 S. R. 64 W. USE ZONE

BUILDING PERMIT APPLICATION

COUNTY OF ADAMS
450 SOUTH 4TH AVENUE BRIGHTON, COLORADO 80601
659-2120

Complete Numbered Lines – PRINT

1 JOB ADDRESS: 12500 Cavanaugh Mile Rd. LOT | BLOCK OR TRACT
2 SUBDIVISION | CENSUS TRACT
3 LEGAL DESCRIPTION: SWNW Sec. 34 Township 1 South, Range 64 west
4 Setbacks from Property Lines: N 1000' m/l S E W 140'
5 OWNER: Vessels Oil & Gas Co. MAIL ADDRESS: 600 S. Cherry St. ZIP 80202 PHONE: 657-7443 321-0202
6 CONTRACTOR: Johnson Oilfield Service MAIL ADDRESS: P.O. Box 343 Brighton PHONE: 659-2962 LICENSE NO
7 ARCHITECT OR DESIGNER: MAIL ADDRESS: PHONE: LICENSE NO
8 ENGINEER: MAIL ADDRESS: PHONE: LICENSE NO
9 PLUMBING CONTRACTOR: MAIL ADDRESS: BRANCH
10 ELECTRICAL CONTRACTOR
11 USE OF BUILDING OR IMPROVEMENT: Tank Battery | Ownership: ☒ Private ☐ Public
12 Class of work: ☒ NEW ☐ ADDITION ☐ ALTERATION ☐ REPAIR ☐ MOVE ☐ REMOVE
13 Describe Work: Tank Battery: (1) Trester-Separater (1) 300Bbl Tank

$1,000.00 $3,000.00

14 Change of Use From To

TYPE OF HEATING FUEL	TYPE OF SEWAGE DISPOSAL ☐ PUBLIC ☐ PRIVATE	TYPE OF WATER SUPPLY ☐ PUBLIC ☐ PRIVATE

15 Valuation of Work $ 10,000.00

Type of Const	Occupancy Group	Size of Bldg (Total) Sq Ft
Fire Zone	No of Stories	Max Occ Load
No of Dwelling Units	Number of Bedrooms	Number of Bathrooms
Fire Sprinklers Required ☐ Yes ☐ No	OFFSTREET PARKING SPACES Covered	Uncovered

SPECIAL CONDITIONS: Flowing well No pumping unit

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 60 DAYS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 120 DAYS AT ANY TIME AFTER WORK IS COMMENCED

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND REGULATIONS GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION

Bob Johnson By
SIGNATURE OF CONTRACTOR OR AUTHORIZED AGENT (DATE)

SIGNATURE OF OWNER OR OWNER BUILDER (DATE)

Special Approvals	Required	Received	Not Required
ZONING			
ENGINEERING			
HEALTH DEPT			
FIRE DEPT			

FEES DRAINAGE AREA	
8% PAYMENT	
BUILDING PERMIT	52-
Check No 04666 Cash M O	Total 52-

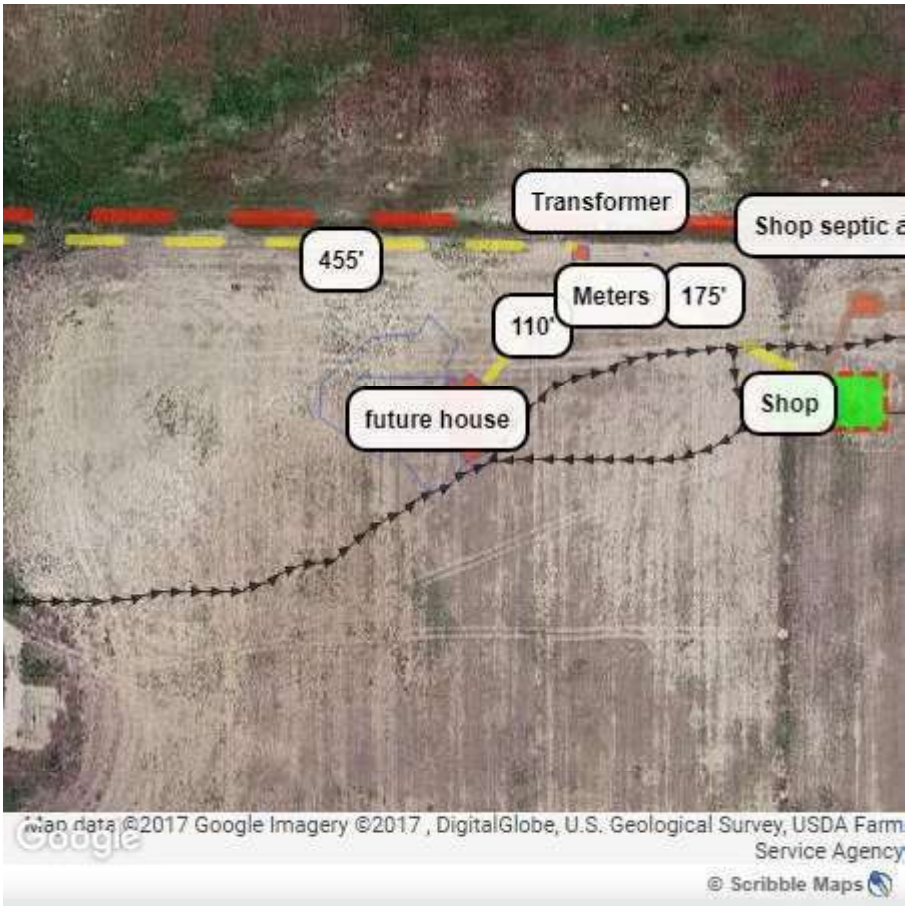
WHEN PROPERLY VALIDATED (IN THIS SPACE) THIS IS YOUR PERMIT

PERMIT VALIDATION
APPROVED BY 2-20-79 PERMIT NUMBER 84-79

White–Building Dept Pink–Applicant Goldenrod–Assessor Yellow–Inspectors Yellow–S R A

JOB ADDRESS: 12500 Cavanaugh Mile Rd
SECTION 34 T 1 S R 64 W USE ZONE

455'
Meter
Shop septic and leach
future house
Shop
Cavanaugh Rd
27
Map data ©2017 Google Imagery ©2017 , DigitalGlobe, U.S. Geological Survey, USDA Farm Service Agency
Google
© Scribble Maps


Transformer
Shop septic a
455'
Meters
175'
110'
Shop
future house
Map data ©2017 Google Imagery ©2017 , DigitalGlobe, U.S. Geological Survey, USDA Farm Service Agency
Google
© Scribble Maps

Tri-County Health Department
Serving Adams, Arapahoe and Douglas Counties

6162 S. Willow Drive, Suite 100
Greenwood Village, CO 80111
Ph (720) 200-1670 Fax (303) 741-4021
www.tchd.org

Permit to Install An On-site Waste Water Treatment System

PROPERTY INFORMATION:

Address: 12500 Cavanaugh Rd
Hudson, CO 80602--
County: Adams
APN: 0156534200004

Dwelling Type: Other
No. of Bedrooms: 0
Water Supply: Well, Private
Onsite ID:

OWNER INFORMATION: Ryan Specht

Address: 11915 Spring Dr
Northglenn, CO 80233-
Phone: 970-302-7426

PERMIT INFORMATION: ON0035279 **Permit Type:** OWTS **Construction Phase:** Install - Construction

System Design:

System Designed By: Wolf Von Carlowitz
Design Number: 17-1355

Design Date: 11/14/2017
Electrical Inspection Required? No

Associated Professionals

Business Name: SoiLogic
Name: Wolfram von Carlowitz
3050 67th Ave Suite 200
Greeley, CO 80634--

OWTS - Engineer

Phone: 970-535-6144 Phone2: 970-412-2
Email: wolf@soilogic.com

OWTS - Permit Comments

Monday, November 20, 2017 11:34 AM - Maria Mejia
Install 1-1,000 gallon treatment tank followed by a gravity fed STA in a bed with chambers configuration consisting of 2 beds with 4 rows of 14 chambers per row for a total of 56 chambers per bed and 112 total. Install STA 24- 48 inches below grade. TCHD and engineer must approve system installation before backfill. Installer must be licensed.

FOR AN ON-SITE WASTE WATER TREATMENT SYSTEM

CONDITIONS FOR INSTALLATION

Installers must be licensed by Tri-County Health Department. No installation shall be covered or used until inspected, correction made if necessary, and approved or expressly authorized by Tri-County Health Department. The system installer must provide an as-built diagram before the system is covered.

LIMITATIONS AND DISCLAIMER

A permit to **Install** shall expire 1 Year from the date of issuance unless extended to a fixed date upon request by the Applicant and approved by the Tri-County Health Department.

PERMIT VALID FROM: 11/20/2017 to 11/20/2018

Tri-County Health Department
Serving Adams, Arapahoe and Douglas Counties

6162 S. Willow Drive, Suite 100
Greenwood Village, CO 80111
Ph (720) 200-1670 Fax (303) 741-4021
www.tchd.org

Permit to Install An On-site Waste Water Treatment System

PROPERTY INFORMATION:				OWNER INFORMATION: Ryan Specht	
Address:	12500 Cavanaugh Rd Hudson, CO 80602--	Dwelling Type:	Other	Address:	11915 Spring Dr Northglenn, CO 80233-
		No. of Bedrooms:	0		
County:	Adams	Water Supply:	Well, Private		
APN:	0156534200004	Onsite ID:		Phone:	970-302-7426

PERMIT INFORMATION: ON0035279 **Permit Type:** OWTS **Construction Phase:** Install - Construction

Maria Mejia 11/20/2017

COLORADO DIVISION OF WATER RESOURCES
DEPARTMENT OF NATURAL RESOURCES
1313 SHERMAN ST., Ste 821, DENVER, CO 80203
Main: (303) 866-3581 dwrpermitsonline@state.co.us

Office Use Only

Form GWS-44 (7/2012)

RESIDENTIAL Note: Also use this form to apply for livestock watering
Water Well Permit Application

Review form instructions prior to completing form.
Hand completed forms must be completed in black or blue ink or typed.

1. Applicant Information

Name(s): Ryan Specht

Mailing address: PO Box 265

City	State	Zip code
Brighton	CO	80602

Telephone (w/area code)	E-mail
970-302-7426	rspechtff149@gmail.com

2. Type Of Application (check applicable boxes)

- ■ Construct new well
- ☐ Replace existing well
- ☐ Use existing well
- ☐ Change or increase use
- ☐ Change source (aquifer)
- ☐ Reapplication (expired permit)
- ☐ Rooftop precip. collection
- ☐ Other: _____

3. Refer To (if applicable)

Well permit #	Water Court case #
Designated Basin Determination #	**Well name or #**

4. Location Of Proposed Well (Important! See Instructions)

County: Adams

SW 1/4 of the NW 1/4

Section	Township	N or S	Range	E or W	Principal Meridian
34	1	☐	64	☐	6th

Distance of well from section lines (section lines are typically not property lines)

1400 Ft. from ☒ N ☐ S 550 Ft. from ☐ E ☒ W

For replacement wells only – distance and direction from old well to new well

feet Direction

Well location address (Include City, State, Zip) ☐ Check if well address is same as in Item 1.

12500 Cavanaugh Rd. Hudson CO 80602

Optional: GPS well location information in UTM format. GPS unit settings are as follows:

Format must be UTM
☐ Zone 12 or ☐ Zone 13
Units must be Meters
Datum must be NAD83
Unit must be set to true north
Was GPS unit checked for above? ☐ YES

Easting: _____
Northing: _____
Remember to set Datum to NAD83

5. Parcel On Which Well Will Be Located
(You must attach a current deed for the subject parcel)

A. You must check and complete *one* of the following:

- ☐ Subdivision: Name _____
  Lot _____ Block _____ Filing/Unit _____
- ☐ County exemption (attach copy of county approval & survey)
  Name/# _____ Lot # _____
- ☐ Parcel less than 35 acres, not in a subdivision attach a deed with metes & bounds description recorded prior to June 1, 1972, and current deed
- ☐ Mining claim (attach copy of deed or survey) Name/#: _____
- ☐ Square 40 acre parcel as described in Item 4
- ■ Parcel of 35 or more acres (attach metes & bounds description or survey)
- ☐ Other: (attach metes & bounds description or survey)

B. # of acres in parcel	C. Are you the owner of this parcel?
39.06	☒ YES ☐ NO _____

D. Will this be the only well on this parcel? ☒ YES ☐ NO (if no – list other wells)

E. State Parcel ID# (optional):

6. Use Of Well (check applicable boxes)

See instructions to determine use(s) for which you may qualify

- ☐ A. Ordinary household use in one single-family dwelling (no outside use)
- ■ B. Ordinary household use in 1 to 3 single-family dwellings:
  Number of dwellings: 2
  - ■ Home garden/lawn irrigation, not to exceed one acre:
    area irrigated 1 ☐ sq. ft. ☒ acre
  - ■ Domestic animal watering – (non-commercial)
- ■ C. Livestock watering (on farm/ranch/range/pasture)

7. Well Data (proposed)

Maximum pumping rate		Annual amount to be withdrawn	
15	gpm	3.0	acre-feet
Total depth		**Aquifer**	
	feet	Upper Arapahoe	

8. Water Supplier

Is this parcel within boundaries of a water service area? ☐ YES ☒ NO
If yes, provide name of supplier:

9. Type Of Sewage System

- ■ Septic tank / absorption leach field
- ☐ Central system: District name: _____
- ☐ Vault: Location sewage to be hauled to: _____
- ☐ Other (explain) _____

10. Proposed Well Driller License #(optional):

11. Sign or Enter Name of Applicant(s) or Authorized Agent

The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104 (13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.

Sign or enter name(s) of person(s) submitting application	Date (mm/dd/yyyy)
Ryan Specht	10/14/2017

If signing print name and title: Ryan Specht (Owner)

Office Use Only

USGS map name	DWR map no.	Surface elev.

Receipt area only

AQUAMAP
WE
WR
CWCB
TOPO
MYLAR
SB5

DIV ____ WD ____ BA ____ MD ____

RESIDENTIAL WELL PERMIT APPLICATION INSTRUCTIONS

Applications must be computer generated online, typewritten, or printed in BLACK or BLUE INK. ALL ITEMS in the application must be completed. Incomplete applications may be returned for more information. Applications are evaluated in chronological order. Please allow approximately six weeks for processing. This form may be reproduced by photocopying. Reproductions must retain margins and print quality of the original form. **If filing online see online filing instructions!** You may also save, print, scan and email the completed form to: dwrpermitsonline@state.co.us

DO NOT use this form for the registration of an existing well in use prior to May 8, 1972; (use Form GWS-12).

FEES: This application must be submitted with the appropriate filing fee. The filing fee for applications is **$100.** Exceptions are as follows: 1) An application to replace or deepen an existing permitted well that is in the same source (aquifer) which does not have a "-F" or "-R" suffix after the original permit number is **$60**. 2) Applications to register an existing well (use Form GWS-12), and replace or deepen the well (use Form GWS-44) into the same aquifer is **$100 if submitted together. Fees are nonrefundable.** Acceptable forms of payment are check or money order, payable to the Colorado Division of Water Resources. Payment by Visa, MasterCard or Discover cards can be accepted by phone through the Records Office at 303.866.3581.

USES: This form (GWS-44) is to be used when applying for a permit for the following types of uses:

A. Ordinary household use inside one single-family dwelling (NO outside water use allowed): Generally, this is all that can be approved on parcels less than 35 acres.

B. Ordinary household use in 1 to 3 single-family dwellings, irrigation of up to one acre of home garden and lawn, and watering of domestic animals: Generally, permits can be approved on parcels of land of 35 or more acres, or in areas inside the Designated Basins, the Denver Basin, limited areas on the Western Slope, and for subdivisions under a court-approved plan for augmentation that allow outside uses.

C. Livestock watering on farm, ranch, range, or pasture (on parcels of 35 or more acres).

ITEM INSTRUCTIONS: (numbers correspond with those on the front of this form)

1. The applicant is the entity for whom the permit is to be issued. Since the well owner is ultimately responsible for the use of the well, their name should be in this area. The mailing address is where the applicant currently receives mail.

2. Check all boxes that apply. **If you check the box for Rooftop precip. collection, you must also complete and submit Form No. GWS-78.**

3. Complete all boxes that apply.

4. You must provide a well spot location under the following circumstances: **(a)** the location is decreed by a water court; **(b)** the well will be inside the Denver Basin or other location where a site-specific well depth restriction will apply; **(c)** your application is for a permit to use an existing well. When a spot location is required, you must provide the county, ¼ of the ¼ section designation (example: NE ¼ of the SE ¼), section #, township, range, principal meridian, and either distances from section lines or a GPS location (UTM coordinates). If providing a GPS location, the required GPS unit settings must be as indicated on this form. Colorado contains two UTM zones (12 & 13). Zone 13 covers most of Colorado. The boundary between Zone 12 and Zone 13 is the 108th Meridian (longitude). West of the 108th Meridian is UTM Zone 12 and east of the 108th Meridian is UTM Zone 13. The 108th Meridian is approximately 57 miles east of the Colorado-Utah state line. On most GPS units, the UTM zone is given as part of the Easting measurement, e.g. 12T0123456. Check the appropriate box for the zone.

   For all other applicants, you must provide the following minimum information: **(a)** the county, section #, township, range and principal meridian; and, **(b)** the subdivision lot, block & filing/unit designations as applicable if in a subdivision. You **do not** need to provide distances from section lines or a GPS location (UTM coordinates).

   Provide the property address of the well location if one exists. If it is the same as the mailing address, check the box next to the well location address.

5. **A current deed for the subject parcel must be attached.** If the subject parcel is 35 or more acres, a complete metes and bounds type legal description or surveyor's plat map that references a section point is required to enable us to plot the parcel in our mapping system. If the parcel is less than 35 acres and not in a subdivision, a deed with metes and bounds legal description, **recorded prior to June 1, 1972** is required. Complete Items 5A through 5E (5E is optional). If you answered NO to Item 5C please indicate who the landowner is. If you are under a contract to purchase the subject property, please state this as well. If the parcel is inside the Denver Basin, the application must be in the name of and signed by, or their name entered by, the current landowner. **If filing online please see online filing instructions for how to submit deed and or legal description attachments.**

6. See above comments under USES to determine those uses for which you may qualify, and then check the applicable box or boxes.

7. The **maximum pumping rate** is limited to 15 gpm for most residential type well permits. The **annual amount of water to be withdrawn** is a volume measured in acre-feet. One acre-foot equals 325,851 gallons. For ordinary household use inside one single-family dwelling and no outside use, the annual amount will be about 1/3 acre-foot. For ordinary household use in three single-family dwellings, one acre of home garden/lawn irrigation, and watering of domestic animals, the annual amount will be about 3 acre-feet. For 100 head of livestock, the annual amount will be about 1.35 acre-feet. Please indicate the estimated **depth** of the proposed well. The proposed **aquifer** for the well must be indicated if the well is to be located within the Denver Basin (the approximate area of the Denver Basin extends south from Greeley to an area east of Colorado Springs and from Golden east to Limon), the San Luis Valley, the Southern High Plains basin in Baca or Prowers Counties, or in areas where it is believed the well will penetrate a confining layer. Aquifer information should be provided if known, for well locations outside of these areas.

8. The issuance of well permits may depend on the availability of another source of water, pursuant to CRS 37-92-602(6), such as water from a municipality or water district. (Statutes can be accessed through the CDWR web site.)

9. Check the applicable box, and complete or attach any additional information as requested in this item.

10. Wells must be constructed by a Colorado licensed well driller, or under the "private driller" provision as defined in CRS 37-91-102(12). A listing of licensed well drillers/pump installers is available at http://water.state.co.us/groundwater/BOE/Pages/LicensedContractors.aspx

11. The individual signing the application or entering their name (and title if applicable) must be the applicant or an officer of the corporation/company/agency identified as the applicant or their attorney. An authorized agent may also sign or enter their name on the application if a letter signed by the applicant or their attorney is submitted with the application authorizing that agent to sign or enter their name on the applicant's behalf. Payment must be received via phone if filing online at 303.866.3581 (Records Office) prior to processing the application.

IF YOU HAVE ANY QUESTIONS please call the Colo. Division of Water Resources (303-866-3581), or the nearest Division Field Office in Greeley (970-352-8712), Pueblo (719-542-3368), Alamosa (719-589-6683), Montrose (970-249-6622), Glenwood Springs (970-945-5665), Steamboat Springs (970-879-0272), or Durango (970-247-1845), or refer to the CDWR web site at http://www.water.state.co.us for general information, additional forms, and access to state rules or statutes.

Community & Economic
Development Department
www.adcogov.org

ADAMS COUNTY
COLORADO

4430 South Adams County Parkway
1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

Adams County Culvert/Access Permit Application

(Complete and forward to mrussell@adcogov.org) (9/14/17)

All access to Adams County roadways must meet the requirements of Chapter 8 of the Adams County Development Standards and Regulations.

Applicant/Contractor Name: Ryan Specht

Contact Name: Ryan Specht Phone: 970-302-7426 Alt Phone: _____

Applicant/Business Address: 11915 Spring Dr. Northglenn CO 80233

E-mail Address: rspechtff149@gmail.com

Address/Location for culvert/access request: 12500 Cavanaugh Rd. Hudson, CO 80602

Name of subdivision (if applicable): N/A

Property Block #: _____ Lot #: _____ Parcel #: 0156534200004

Applying for: Primary Access ☒ Additional Access ☐ New Circular Driveway ☐ Driveway Extension ☐

Note: Adams County may require that existing accesses to the property be permitted & inspected by Adams County in order to bring them up to code when a record of inspection is not on file with the county.

Primary access width: 30' Distance primary access is from nearest property line: 215'

2nd access width: _____ Distance 2nd access is from primary access: _____

Distance 2nd access is from nearest property line: _____

The following information must be submitted with this permit application:

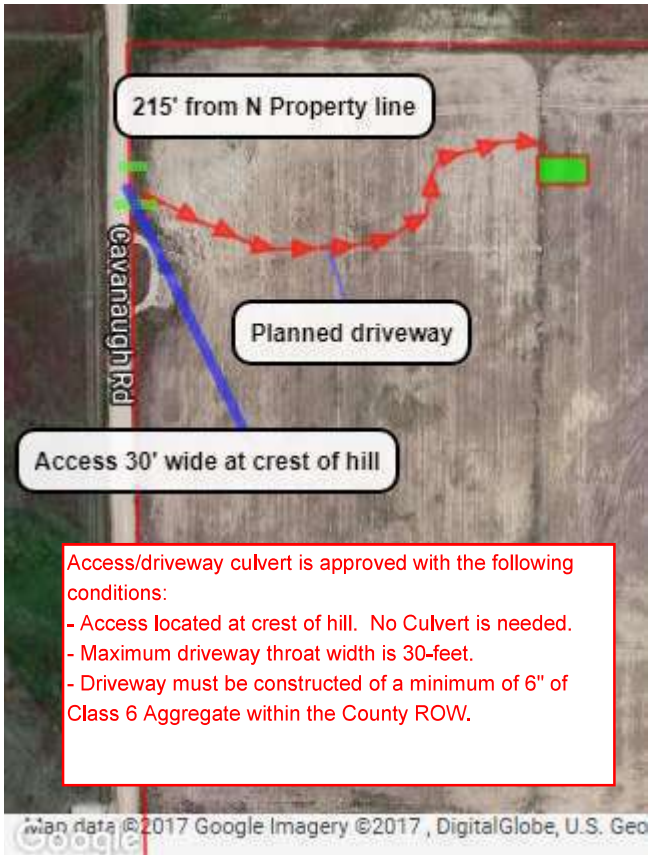
- A drawing or site-plan (paper/hard copy or PDF format) showing:
  - Proposed location of the desired access.
  - Measurement of the access width and/or extension width desired.
  - Measurements of all accesses, from each other, and from the nearest property corners.
- Culvert sizing calculations (hydrology and hydraulic calculations) if applicable. **Note:** In some cases Adams County may provide the culvert size when Drainage Plans are available.

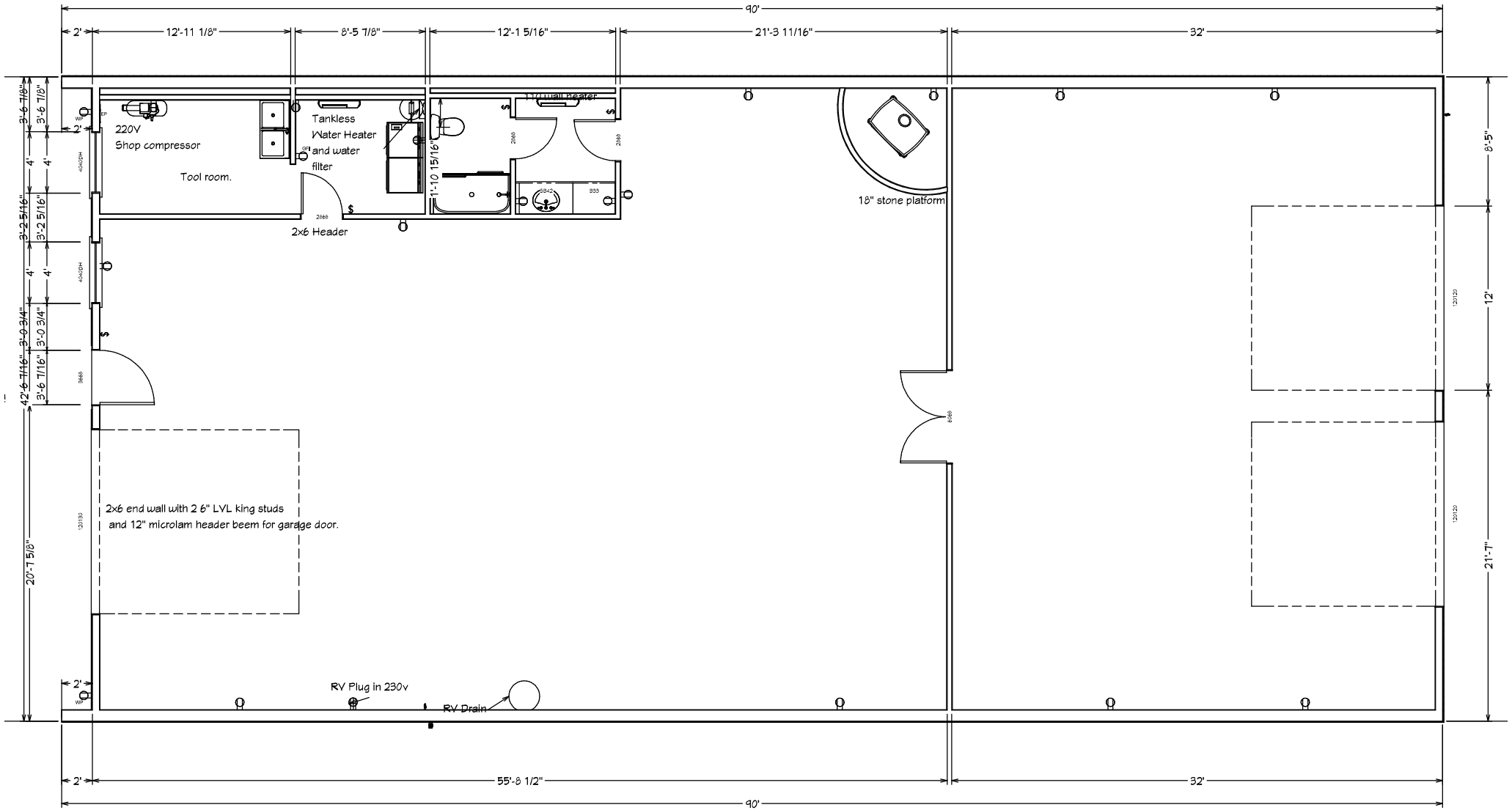
The review process for an access permit can take a minimum of 48 hours. The fee for a primary or additional access is $70.00. The permit fee for a new dual access (circular driveway) is $100.00. New, additional or altered accesses are to be permitted and inspected by ADCO Public Works, Construction Management to verify proper drainage and the placement of material within the ROW portion of the entrance.

All new or improved accesses, connecting to a paved county road, will require paving with asphalt or concrete from the road edge to the Right of Way (property) line. If so, a contractor of your choosing will need to take responsibility for pulling the access permit.

Note: Contractors, or the installer of a culvert which will require paving, must have a current Certificate of General Liability Insurance and Bond on file with Adams County prior to pulling the Access Permit.

Access is approved. See site plan for conditions.


215' from N Property line
Cavanaugh Rd
Planned driveway
Access 30' wide at crest of hill
Access/driveway culvert is approved with the following conditions:
- Access located at crest of hill. No Culvert is needed.
- Maximum driveway throat width is 30-feet.
- Driveway must be constructed of a minimum of 6" of Class 6 Aggregate within the County ROW.
Map data ©2017 Google Imagery ©2017 , DigitalGlobe, U.S. Geo



OUT BUILDING
3696 SQ FT

100' from N property line
600' from road
600' from east Property line
1175' from S. Property line
Planned driveway
Cavanaugh Rd
27
Map data ©2017 Google Imagery ©2017 , DigitalGlobe, U.S. Geological Survey, USDA Farm Service Agency
Google
© Scribble Maps

Community & Economic
Development Department
www.adcogov.org

ADAMS COUNTY
COLORADO

4430 South Adams County Parkway
1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

Date: 12/08/2017
Case Number: BDP17-5615
Project Name:
Project Address: 12500 CAVANAUGH RD
Description of Work: 42' by 90' steel Quonset building with water, power, and septic.

REVIEW COMMENTS

Building Safety Review Status: **Complete** Date Reviewed: **12/08/2017**

Reviewer: **Lopilato Regina** Email: **rlopilato@adcogov.org** Phone: **720.523.6983**

Comment: BSD-1] All construction is subject to field inspection and verification.
BSD-2] Any changes to the plan must be approved through the Building Safety Division.
BSD-3]A hard surface/concrete floor is required to store any motorized vehicles.
BSD-4] Plumbing fixtures shall be spaced in accordance with Figure R307.1, and in accordance with the requirements of Section P2705.1.
BSD-5] A turn-of-the-nut inspection report may be required at final inspection.
BSD-6] A stamped engineer foundation inspection letter may be required at final inspection.
BSD-7] A stamped engineer letter showing calculations for reduction in Roof Snow Load per IBC 2012 Section 1607 may be required at final inspection.
BSD-8] Mechanical equipment\appliance installation shall comply with Section M1305 for access and location of appliances. Approved combustion air must be provided for gas fired appliances. Shutoff valves must be in same room as the appliance.
BSD-9] Provide mechanical ventilation to the exterior in bathrooms\toilet rooms without three square foot operable windows per Section R303.3 (exception).

Engineering Review Status: **Complete** Date Reviewed: **11/29/2017**

Reviewer: **Emmens Matthew** Email: **memmens@adcogov.org** Phone: **720.523.6826**

Comment: ENG1: FIRM #08001C0395H. Not in floodplain.

ENG2: Property is not in MS4 Permit area.
A Stormwater Quality Permit is not required. Applicant is responsible for installation and maintenance of Erosion and Sediment Control BMP's. Builder/developer is responsible for adhering to all the regulations of Adams County Ordnance 11 in regards to illicit discharge.

ENG3: Access permit required. No C/O on building until access permit has been issued, culvert has been installed and, inspected. Driveway throat width, for single access, cannot exceed 30ft without ADCO approval. Driveway must be paved with a minimum of 4" of asphalt or concrete within the County ROW. Applicant is responsible for sizing of driveway culvert (must be stamped and signed by licensed engineer). Access must be permitted, inspected and approved by ADCO prior to C.O. on building.

Plan Coordination Status: **Approved** Date Reviewed: **12/08/2017**

Reviewer: **Lopilato Regina** Email: **rlopilato@adcogov.org** Phone: **720.523.6983**

Comment:

Date: 12/08/2017
Case Number: BDP17-5615
Project Name:
Project Address: 12500 CAVANAUGH RD
Description of Work: 42' by 90' steel Quonset building with water, power, and septic.

REVIEW COMMENTS

Plan Distribution | Status: **Resubmittal Received** | Date Reviewed: **12/06/2017**

Reviewer: **Ulibarri Megan** | Email: | Phone:

Comment:

Planner Review | Status: **Complete** | Date Reviewed: **12/06/2017**

Reviewer: **Adams Libbie** | Email: **ladams@adcogov.org** | Phone: **720.523.6855**

Comment: PLN1: minimum 100ft front setback
PLN2: maximum height 35ft

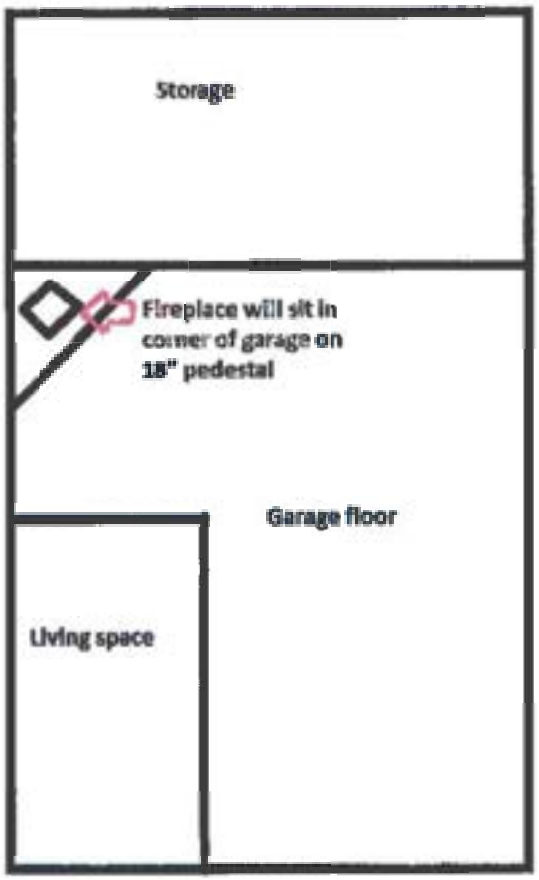
ROW Review | Status: **Complete** | Date Reviewed: **11/30/2017**

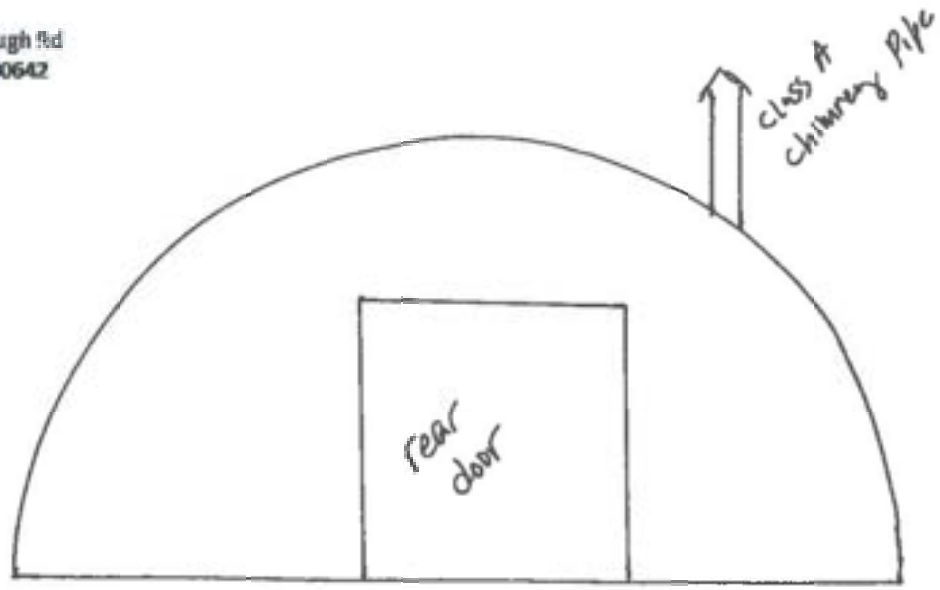
Reviewer: **Hillje Marissa** | Email: | Phone:

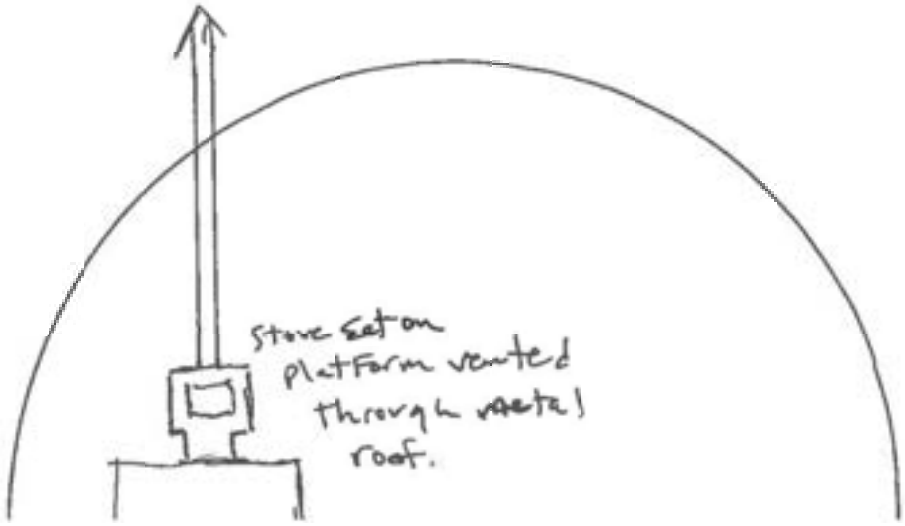
Comment:

Dome Shaped Metal Building

Ryan Specht
12500 Cavanaugh Rd
Hudsun, CO, 80642
970-302-7426







Community & Economic
Development Department
www.adcogov.org

ADAMS COUNTY
COLORADO

4430 South Adams County Parkway
1st Floor, Suite W2000B
Brighton, CO 80601-8218
PHONE 720.523.6800
FAX 720.523.6967

Application Fee Cancellation/ Refund Request

Refund requests must be submitted in writing within 180 days. Not all requests are eligible for a refund. The following fees are non-refundable according to the Adams County Fee Schedule; (1) Plan Review Fee; (2) Zoning Plan Review Fee; and (3) Traffic Impact Fee. Only 80% of the Building Permit Fee will be refunded if approved. Development Review Application Fees may only be eligible for a refund if no review has been performed. All requests must be approved by the Department Official or Department Director.

Date: November 1, 2018	Record Number: BDP18-5244
Reason for Request: permit had already been pulled by home owner for work that was to be done and is now done.	
Type of Request: Refund [X] if possible Cancellation [X]	Work performed: Yes [X] No [ ]
Name: Jovanny Gonzalez	Company: Fireplace Warehouse Etc
Phone: 303-296-3823 ext. 1574	Email: Jovanny@fpwhs.com
Address: 3827 Steele Street, Denver, CO	

Office Use Only

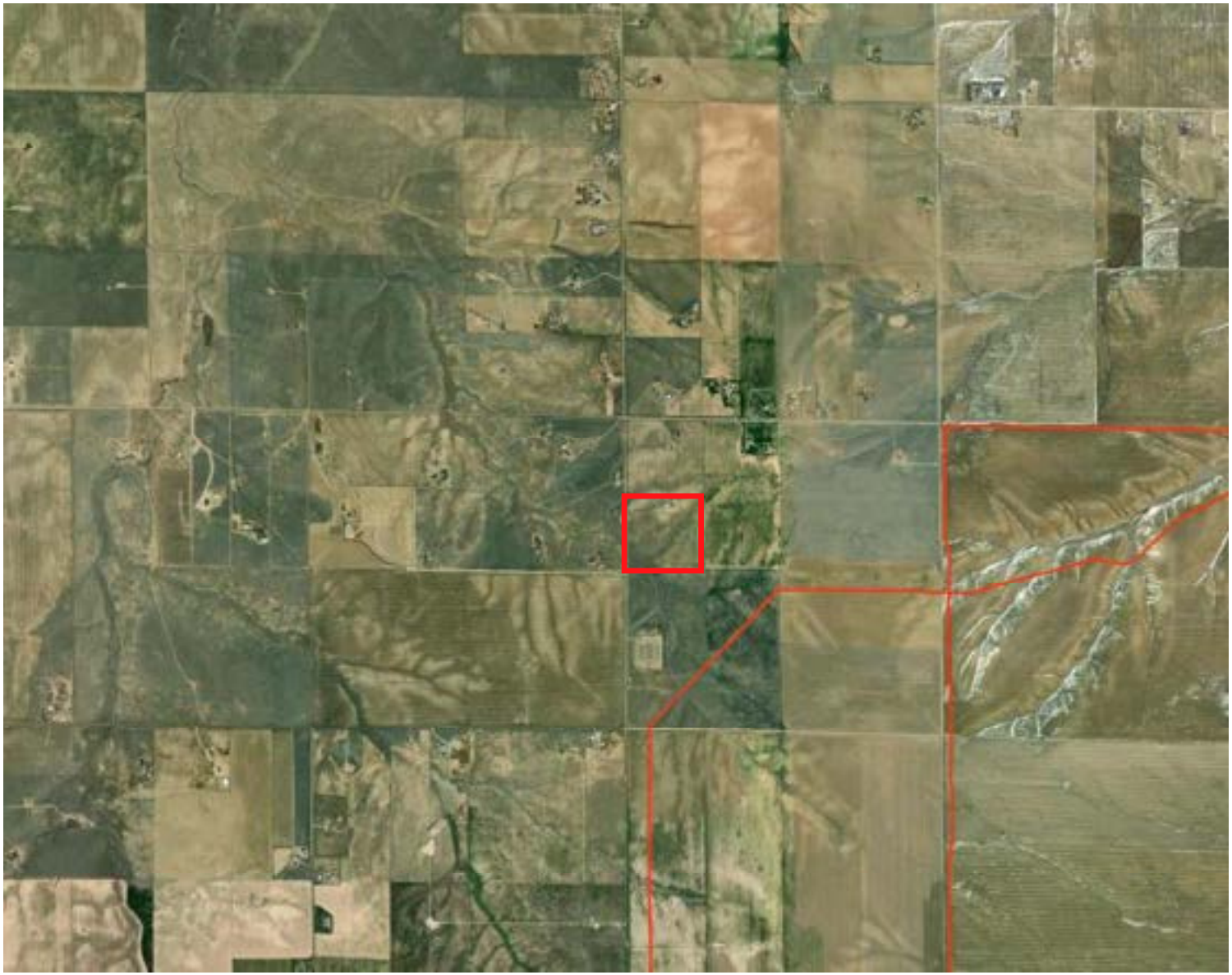
Date received: 11/05/2018	Permit Technician: Samantha P. - admin. coord.
Permit Cancelled: Yes [✓] No [ ]	Inspection/work verified: Yes [ ] No [✓]
Denied Reason:	Approved: Yes [✓] No [ ] / Amount of Refund: $ 81.00
Date of Review by Official /Director:	Official/Director Signature: Kristin Sullivan
Date of Review by Accounts Payable:	Accounts Payable Signature:
Voucher No. / Vendor No.	Department No. / Account No.

BOARD OF COUNTY COMMISSIONERS

Eva J. Henry — DISTRICT 1
Charles "Chaz" Tedesco — DISTRICT 2
Erik Hansen — DISTRICT 3
Steve O'Dorisio — DISTRICT 4
Mary Hodge — DISTRICT 5

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

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Date Printed: May 07, 2024

811

Appendix F
Site Reconnaissance Photographs

Photo 1. Photo of grassland in the subject property.

Photo 2. Photo of a transmission line corridor in the southern section of the subject property.

Photo 3. Photo of livestock areas in the subject property.

Photo 4. Photo of a portable water tank adjacent to the single-family home.

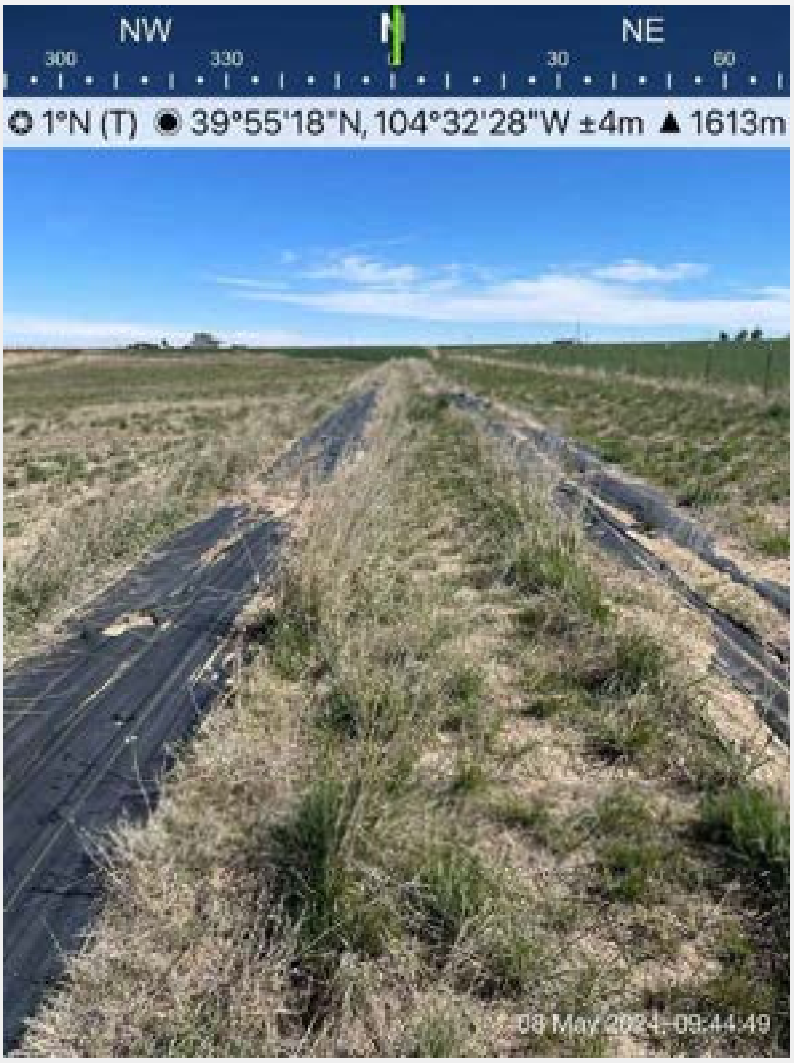

Photo 5. Photo of irrigation infrastructure that is located along the subject property boundary.

Photo 6. Photo of solid debris storage east of the single-family home.

Photo 7. Photo of hazardous material containers.

Photo 8. Photo of empty hazardous material containers.

Photo 9. Photo of an electrical box and meter.

Photo 10. Photo of an electrical box.

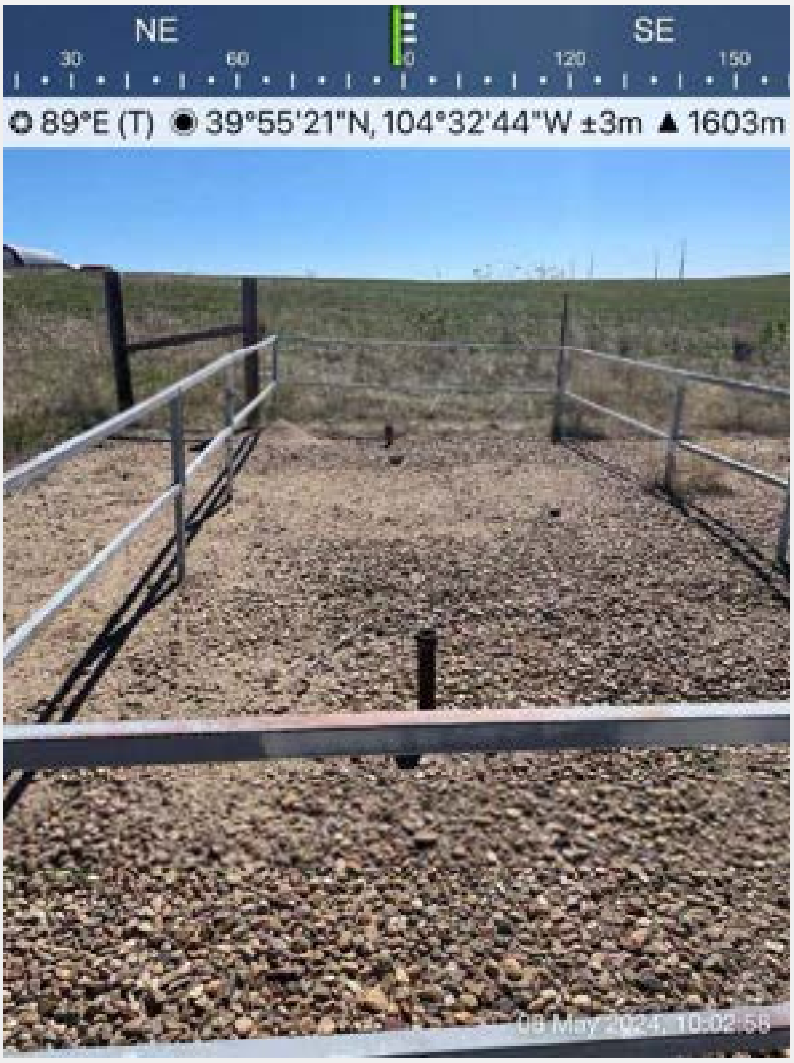

Photo 11. Photo of two plugged and abandoned oil and gas wells on the western boundary of the subject property.

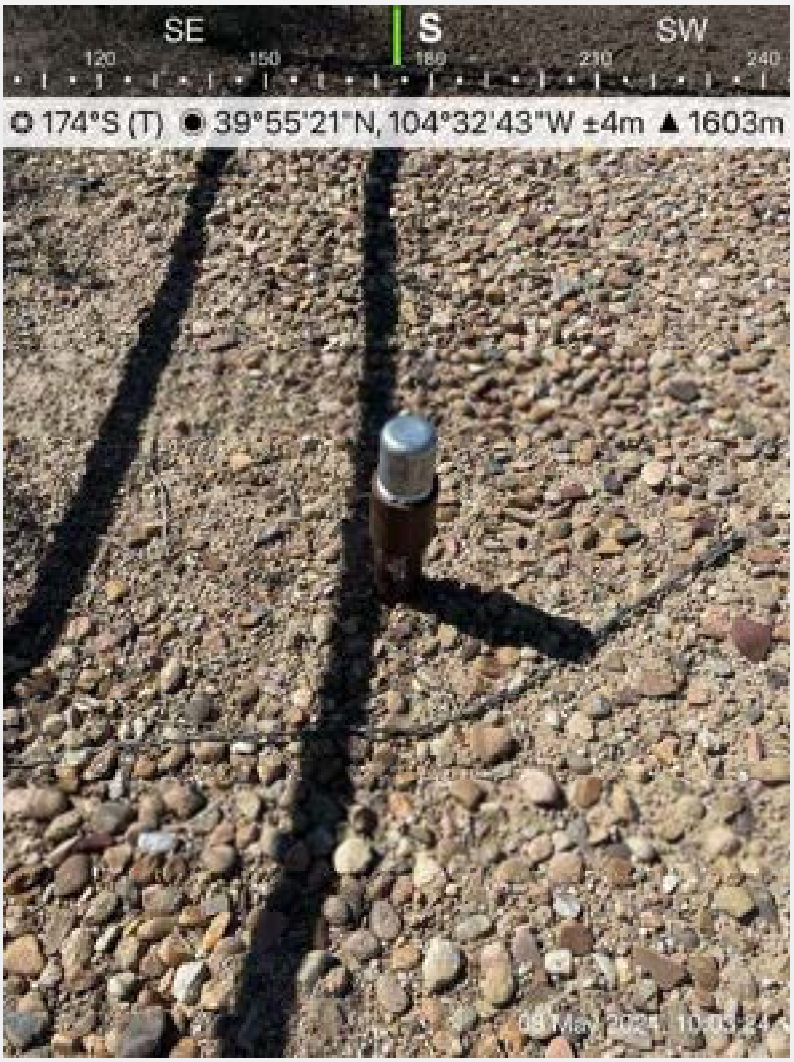

Photo 12. Close-up photo of a plugged and abandoned oil and gas well in photo 11.

Photo 13. Photo of a groundwater pump adjacent to the single-family home.

Photo 14. Photo of covers over a septic tank along the northern boundary of the property.

Photo 15. Photo of underground natural gas pipeline markers. A terminal is located in the background, on the adjacent property to the west.

Appendix G
Historical Aerial Photographs

Prairie Pass

12500 Cavanaugh Road

Hudson, CO 80642

Inquiry Number: 7630016.8

April 19, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

04/19/24

Site Name:

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642
EDR Inquiry # 7630016.8

Client Name:

DUDEK
605 Third Street
Encinitas, CA 92024
Contact: Susan Smith

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: January 01, 1999	USGS/DOQQ
1994	1"=500'	Flight Date: September 25, 1994	EDR Proprietary Landiscor
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1984	1"=500'	Flight Date: October 13, 1984	USDA
1975	1"=500'	Flight Date: June 11, 1975	USGS
1970	1"=500'	Flight Date: June 16, 1970	USDA
1963	1"=500'	Flight Date: June 27, 1963	USDA
1953	1"=500'	Flight Date: September 25, 1953	USGS
1949	1"=500'	Flight Date: June 17, 1949	USGS
1937	1"=500'	Flight Date: June 30, 1937	USDA

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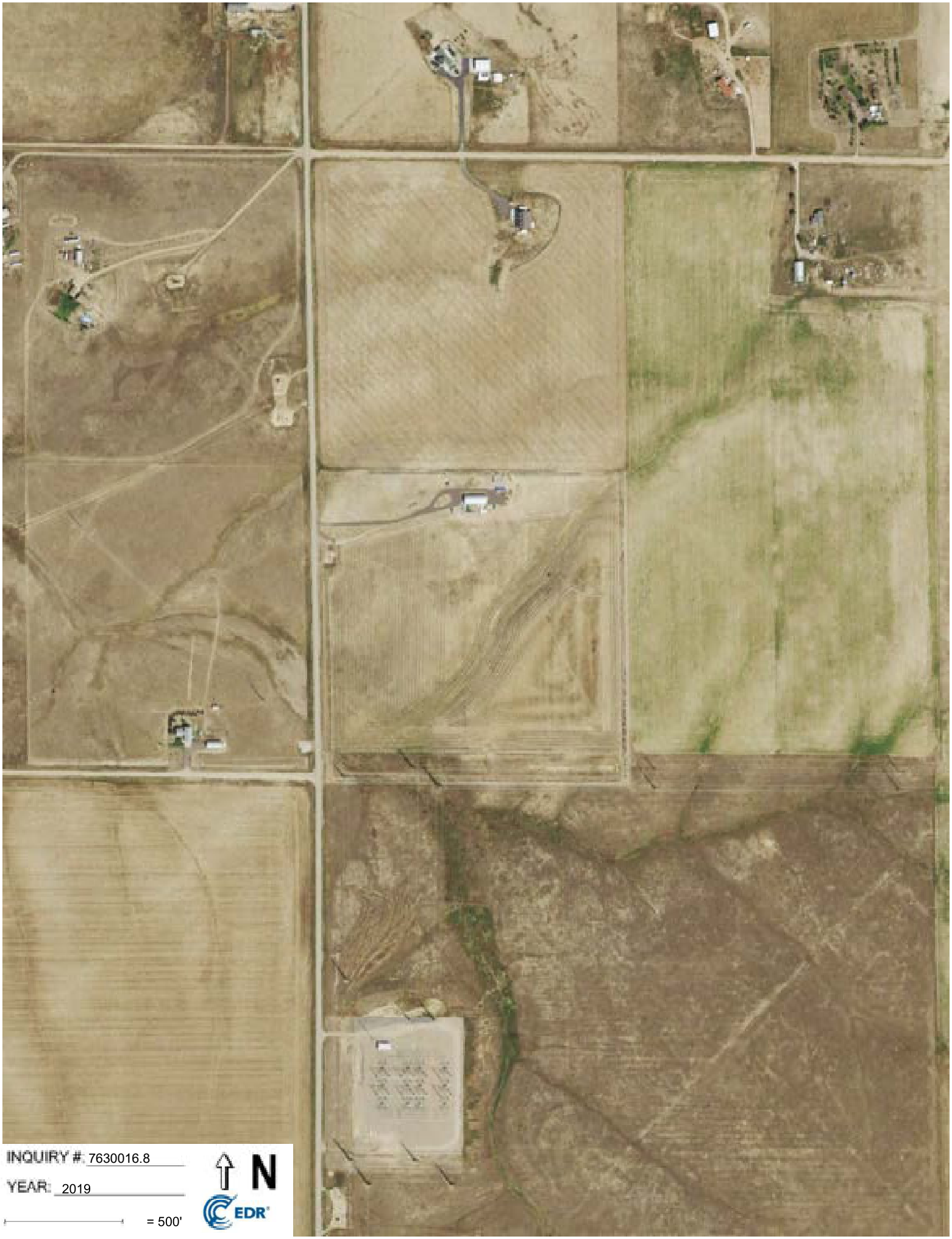


INQUIRY #: 7630016.8

YEAR: 2019

= 500'

N

EDR

INQUIRY #: 7630016.8

YEAR: 2015

= 500'

N

EDR

INQUIRY #: 7630016.8
YEAR: 2011
= 500'
N
EDR

INQUIRY #: 7630016.8

YEAR: 2006

= 500'

N

EDR

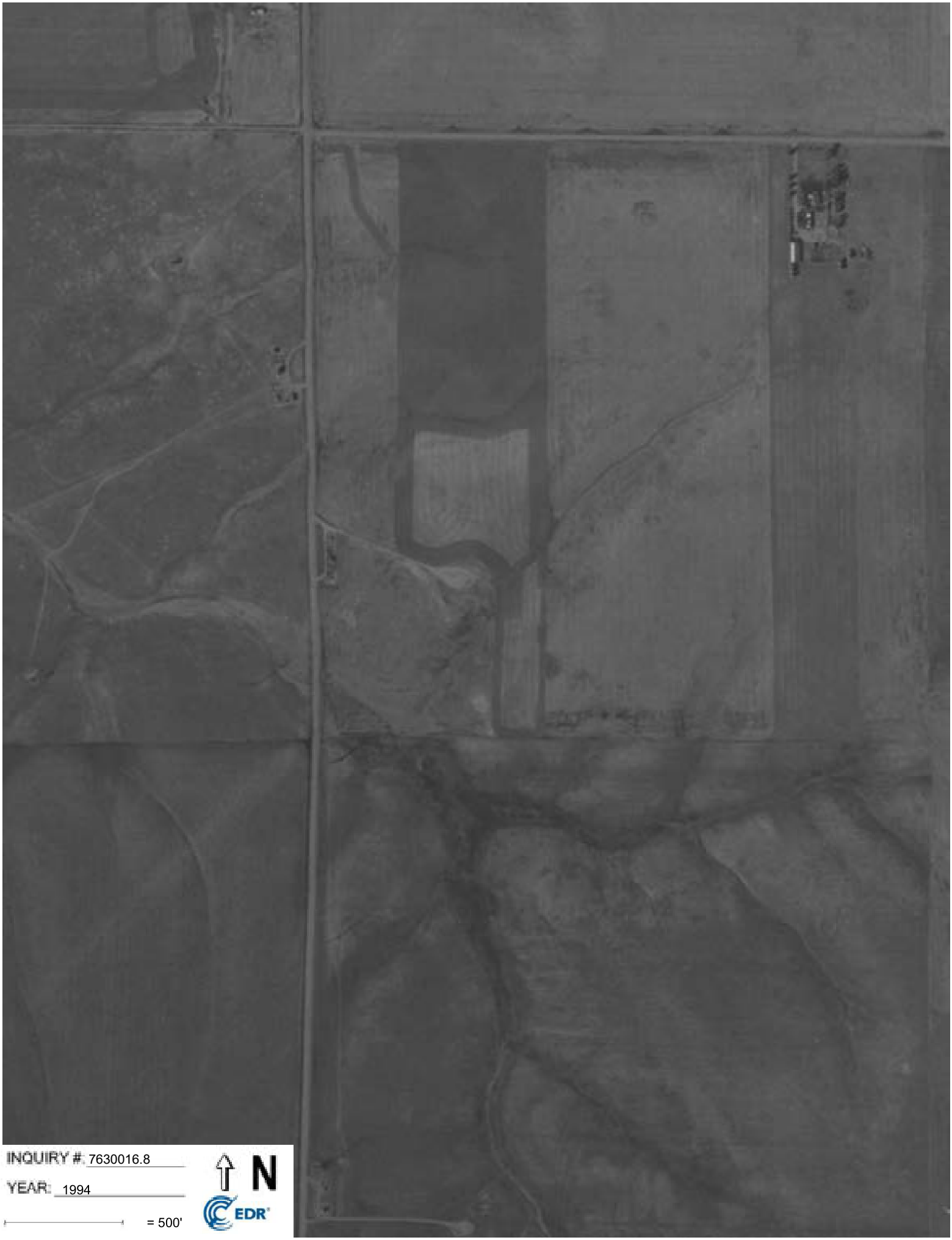
INQUIRY #: 7630016.8

YEAR: 1999

= 500'

N

EDR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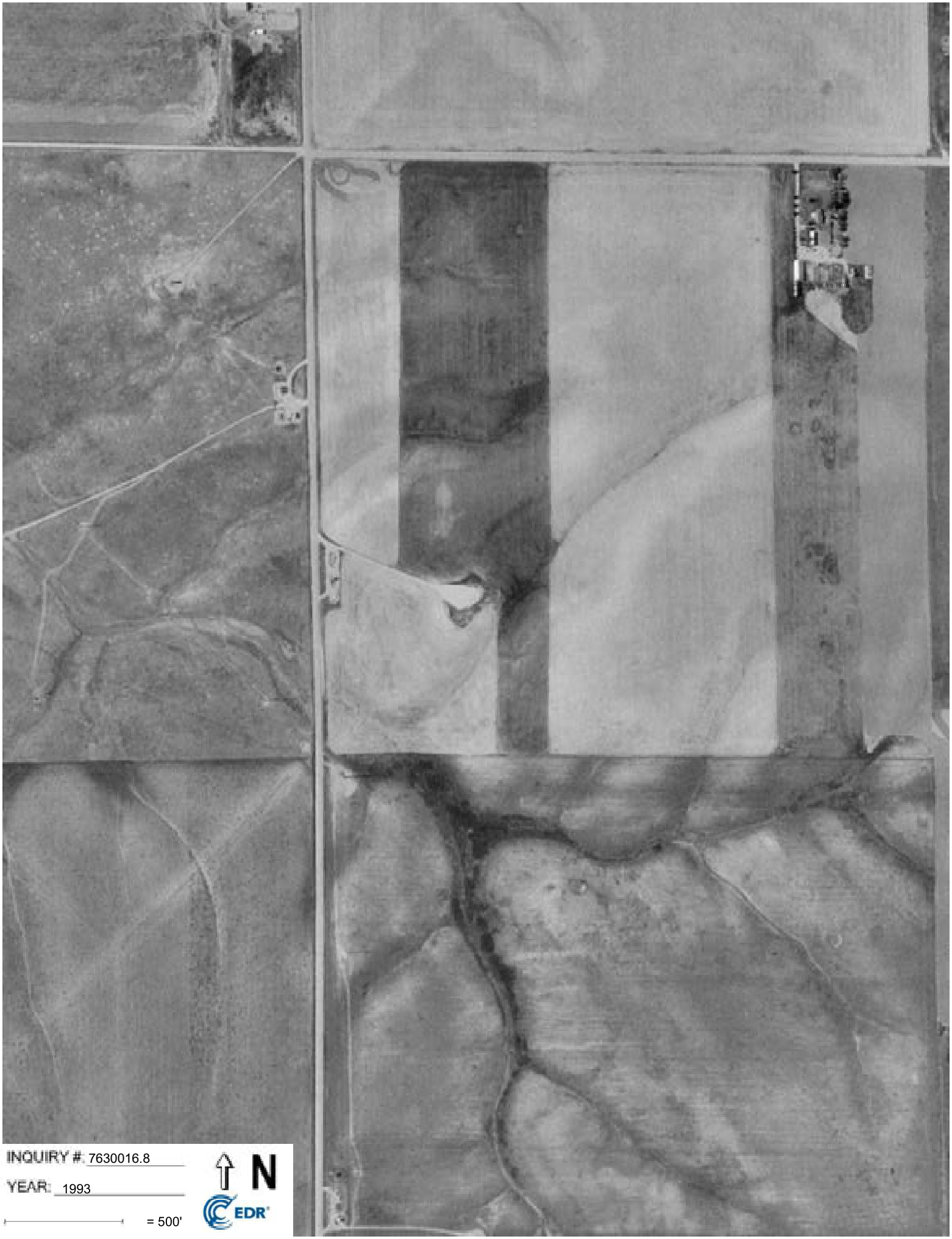
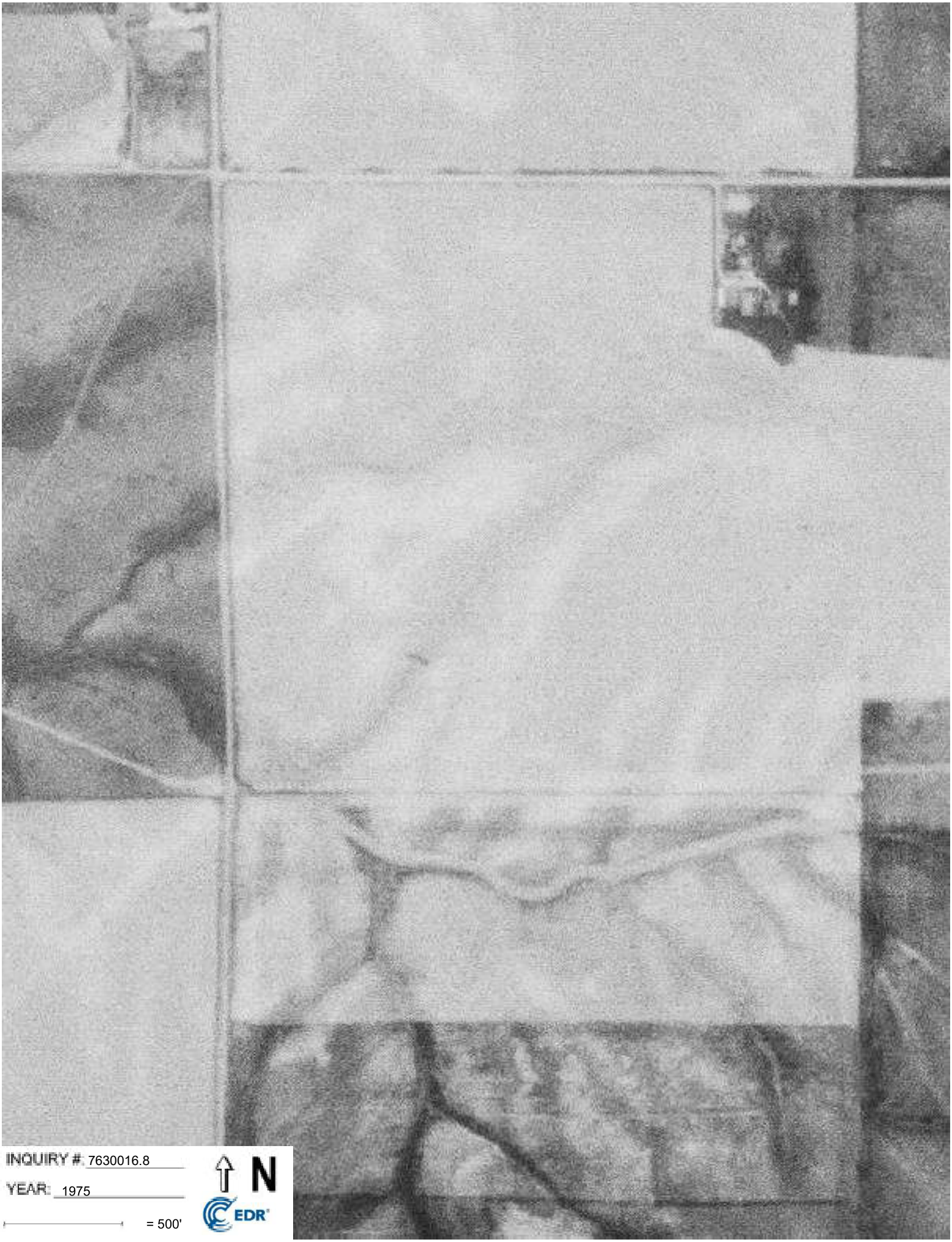
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 7630016.8
YEAR: 1993
= 500'
N
EDR

INQUIRY #: 7630016.8
YEAR: 1984
= 500'
N
EDR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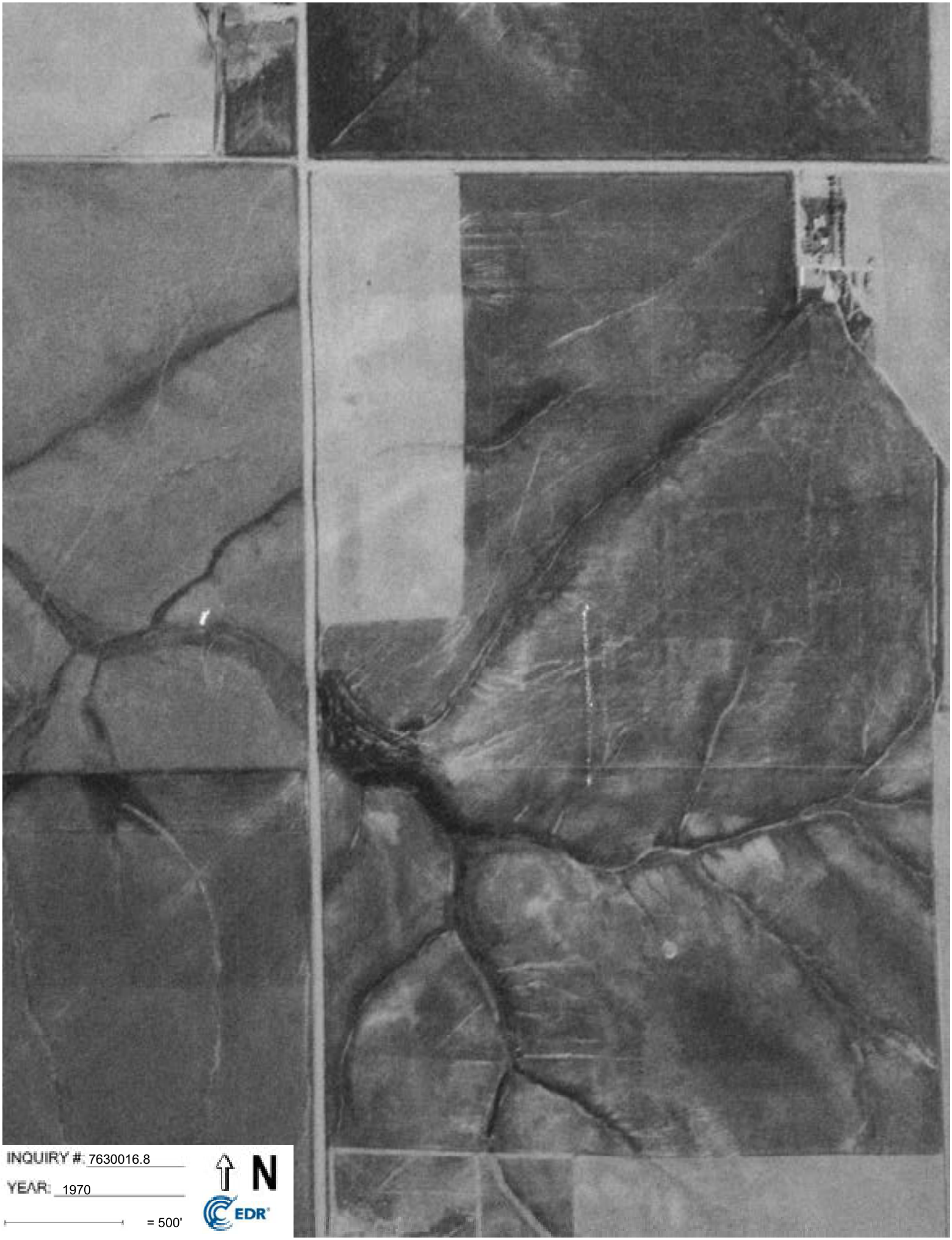
YEAR: 1975
= 500'
N
EDR



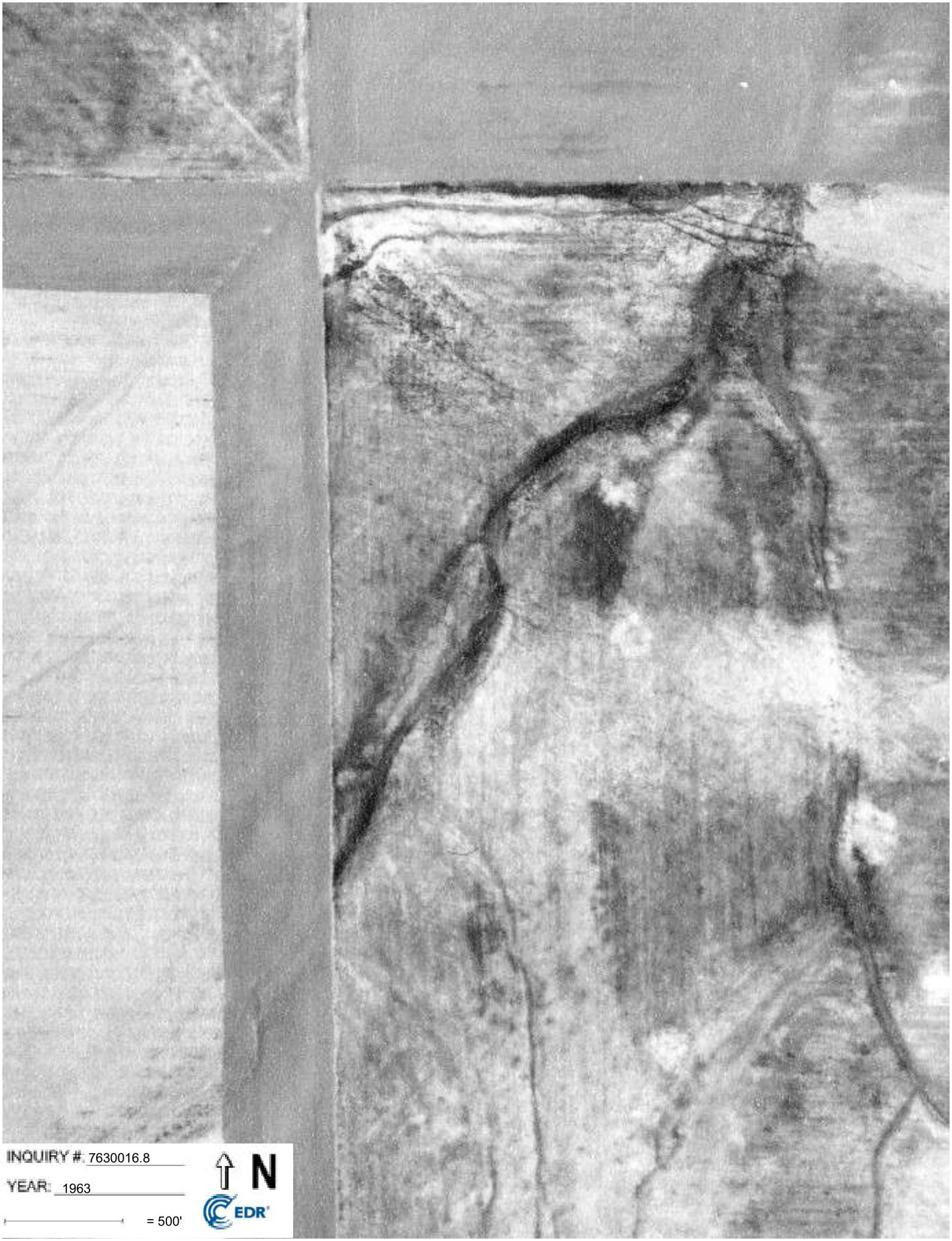
INQUIRY #: 7630016.8

YEAR: 1970

= 500'

N

EDR



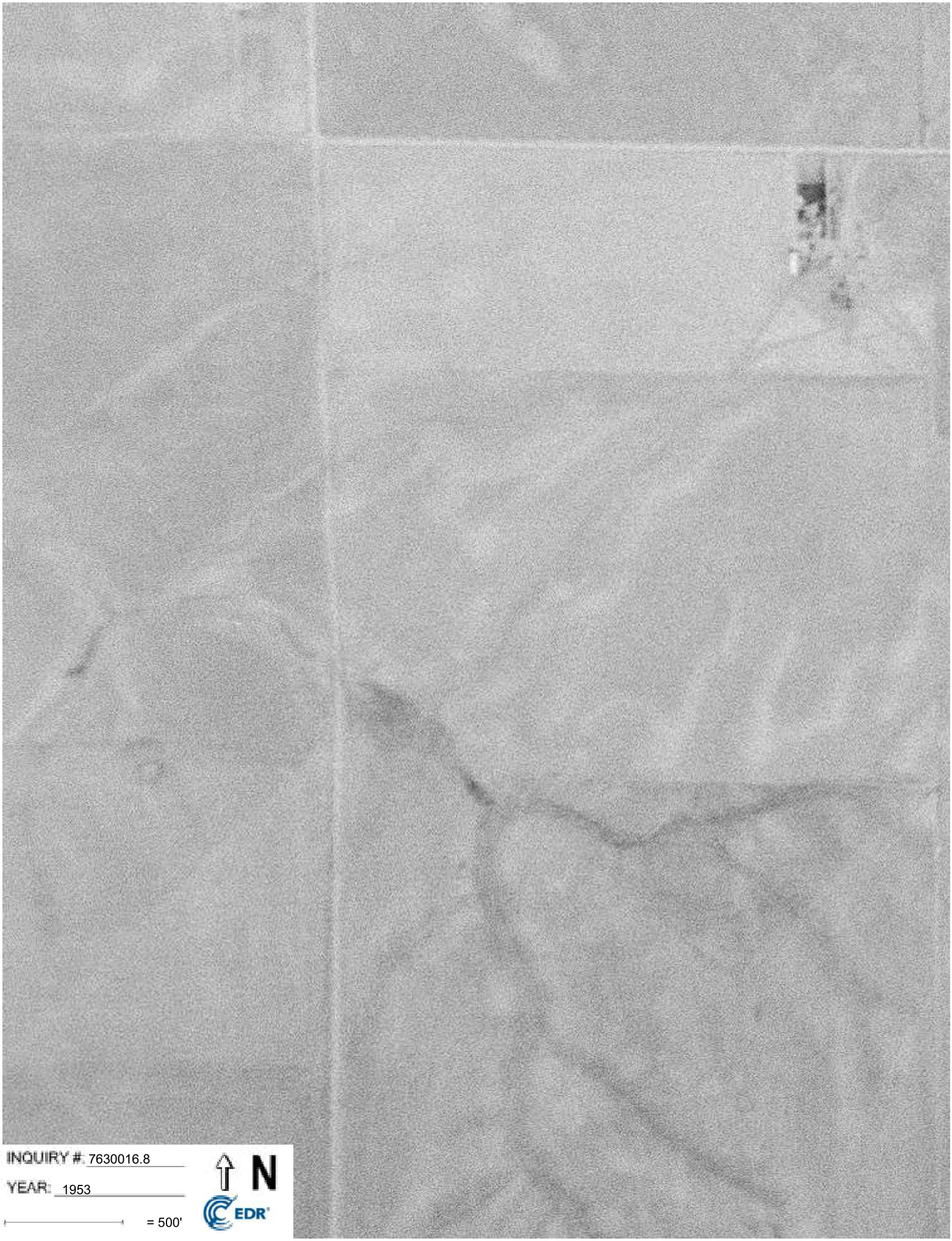
INQUIRY #: 7630016.8

YEAR: 1963

= 500'

N

EDR



INQUIRY #: 7630016.8

YEAR: 1953

= 500'

N

EDR

INQUIRY #: 7630016.8

YEAR: 1949

= 500'

N

EDR

INQUIRY #: 7630016.8

YEAR: 1937

= 500'

N

EDR

Appendix H
Certified Sanborn Map Report

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642

Inquiry Number: 7630016.3
April 19, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/19/24

Site Name:

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642
EDR Inquiry # 7630016.3

Client Name:

DUDEK
605 Third Street
Encinitas, CA 92024
Contact: Susan Smith

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by DUDEK were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 9731-4B9D-86D1

PO # 12995.23

Project Prairie Pass

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 9731-4B9D-86D1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

DUDEK (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Appendix I
City Directory Report

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642

Inquiry Number: 7630016.5
April 24, 2024

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☐	☑	EDR Digital Archive
2017	☐	☑	Cole Information
2014	☐	☑	Cole Information
2010	☐	☑	Cole Information
2005	☐	☑	Cole Information
2000	☐	☑	Cole Information
1995	☐	☐	Cole Information
1992	☐	☐	Cole Information

FINDINGS

TARGET PROPERTY STREET

12500 Cavanaugh Road
Hudson, CO 80642

Year	*CD Image*	*Source*	
CAVANAUGH RD			
2020	-	EDR Digital Archive	Target and Adjoining not listed in Source
2017	-	Cole Information	Target and Adjoining not listed in Source
2014	-	Cole Information	Target and Adjoining not listed in Source
2010	-	Cole Information	Target and Adjoining not listed in Source
2005	-	Cole Information	Target and Adjoining not listed in Source
2000	-	Cole Information	Target and Adjoining not listed in Source
1995	-	Cole Information	Target and Adjoining not listed in Source
1992	-	Cole Information	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
E 124TH AVE			
2020	pg. A1	EDR Digital Archive	
2017	pg. A3	Cole Information	
2014	pg. A5	Cole Information	
2010	pg. A7	Cole Information	
2005	-	Cole Information	Street not listed in Source
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source
E 128TH AVE			
2020	pg. A2	EDR Digital Archive	
2017	pg. A4	Cole Information	
2014	pg. A6	Cole Information	
2010	pg. A8	Cole Information	
2005	pg. A9	Cole Information	
2000	pg. A10	Cole Information	
1995	-	Cole Information	Target and Adjoining not listed in Source
1992	-	Cole Information	Target and Adjoining not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 124TH AVE 2020

36105	GARY OHLSON
	KARI TYKESON-OHLSON
36701	CHRISTOPHER DRYER
	EDWARD DRYER
	PATTY DRYER
	VAN WERNER
37505	DAVID RICHARDSON

Target Street	Cross Street	Source
-	✔	EDR Digital Archive

E 128TH AVE 2020

37711	ASHLEY O'BRIEN
	JOHN O'BRIEN
	MARY O'BRIEN
	TAYLOR O'BRIEN
	TRAVIS O'BRIEN
37911	CHRISTIE PIPER
	GARY PIPER
	JENNIFER MULICK
	JODEY PIPER
37980	BRANDI-ANN MOORE
	CHAD HUBBART
38211	JACKIE GARDNER
	JOHN GARDNER
38320	JOHN BRIST
38611	CHAD BAAS
	JESSICA BAILEY
	MELISSA BAAS
	MELISSA GRAHAM
38911	EDUARD GOSSANYI
	ERIC GOSSANYI
	JOSHUA GOSSANYI
39111	ALEJANDRA LOYA
	ARMANDO LOYA
	DAVID MOORE
	PRESTON WARDLE

Target Street	Cross Street	Source
-	✓	Cole Information

E 124TH AVE 2017

36105	OHLSON, GARY L
36603	POWERS, NICHOLAS R
36701	WERNER, VAN P
37207	GARCIA, ANTHONY A
37505	GRANDSTAFF, AUSTIN G

Target Street	Cross Street	Source
-	✔	Cole Information

E 128TH AVE 2017

37711	MERAZ, GUADALUPE
37911	MULICK, JENNIFER E
38211	GARDNER, JACKIE W
38320	BLACK, CRAIG L
38611	BAAS, CHAD J
38911	GOSSANYI, JOSHUA R
39111	TIENVIERI, STEVEN D

Target Street	Cross Street	Source
-	✓	Cole Information

E 124TH AVE 2014

36105	OHLSON, GARY L
36603	POWERS, NICHOLAS R
36701	OCCUPANT UNKNOWN,
37207	BRYANT, CRYSTAL
37505	GRANDSTAFF, AUSTIN

Target Street	Cross Street	Source
-	✔	Cole Information

E 128TH AVE 2014

37711 OCCUPANT UNKNOWN,
37911 PIPER, CHRISTIE L
38211 GARDNER, JACKIE W
38318 OCCUPANT UNKNOWN,
38320 BLACK, CRAIG L
38611 BAAS, CHAD J
38911 GOSSANYI, JOSHUA R
39111 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	Cole Information

E 124TH AVE 2010

36105 OHLSON, GARY L
36603 KERN, KEVIN D
36701 ERB, TYLER L
37207 OCCUPANT UNKNOWN,
37505 GRANDSTAFF, KERRY R

Target Street	Cross Street	Source
-	✔	Cole Information

E 128TH AVE 2010

37711 HARVELL, SHARON A
37911 PIPER, BRIAN J
38211 GARDNER, JOHN W
38318 OCCUPANT UNKNOWN,
38320 BLACK, CRAIG L
38611 BAAS, CHAD J
38911 GOSSANYI, ERIC K
39111 OSHEA, CODY

Target Street	Cross Street	Source
-	✔	Cole Information

E 128TH AVE 2005

37711 HARVELL, RICHARD K
37911 PIPER, BRIAN J
38211 GARDNER, JOHN W
38318 OCCUPANT UNKNOWN,
38320 BLACK, CRAIG L
38611 BAAS, CHAD J
38911 GOSSANYI, ERIC K

Target Street	Cross Street	Source
-	✓	Cole Information

E 128TH AVE 2000

38320 BLACK, LISA
38611 BAAS, YANA
38911 GOSSANYI, ERIC

Appendix J

Environmental Lien Search Report

ENVIRONMENTAL LIEN AND AUL REPORT TO 1980

Order Number:
12995.25

AFX Reference Number:
79-350165-47

Subject Property:
PRAIRIE PASS
12500 CAVANAUGH ROAD
HUDSON, CO 80642

Effective:
05/10/2024

Completed:
05/13/2024

AFX RESEARCH, LLC

A Quarter-Century of Title Document Research Expertise

999 Monterey St. Suite 380, San Luis Obispo, CA 93401

(877) 848-5337 / www.afxllc.com

Order #: 12995.25 | Reference #: 79-350165-47 | Completed: 05/13/2024 | Effective: 05/10/2024

SOURCES SEARCHED

Source 1:	ADAMS COUNTY RECORDER'S OFFICE
Source 2:	ADAMS COUNTY ASSESSOR'S OFFICE
Source 3:	COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
Source 4:	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Examiner Notes:	PUBLIC RECORDS OF ADAMS COUNTY, CO WERE SEARCHED FROM JANUARY 1, 1980 TO MAY 10, 2024, AND NO OTHER DEEDS VESTING TITLE IN THE SUBJECT PROPERTY WERE FOUND OF RECORD DURING THE PERIOD SEARCHED. **NOTICE:** JUDICIAL RECORDS NOT SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION DOES NOT REQUIRE A SEARCH OF JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

TARGET PROPERTY

Site Name:	PRAIRIE PASS
Current Owner(s):	SOARING HEIGHTS LLC
Street Address:	12500 CAVANAUGH ROAD
City, State Zip Code:	HUDSON, CO 80642
APN/Parcel/PIN:	R0168645 1565-34-2-00-004
County:	ADAMS
Legal Description:	SECT,TWN,RNG:34-1-64 DESC: PORT OF THE SW4 OF THE NW4 OF SEC 34 DESC AS CONSIDERING THE N LN OF THE NW4 OF SD SEC 34 AS BEARING S 89D 41M 50S E BEG AT THE SE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH N 89D 47M 36S W COINCIDENT WITH THE S LN OF THE SW4 OF THE NW4 OF SD SEC 34 A DIST OF 1287/80 FT TO THE E ROW LN OF CAVANAUGH RD TH N 00D 49M 54S W COINCIDENT WITH SD E ROW LN A DIST OF 1322/93 FT TO THE N LN OF THE SW4 OF THE NW4 OF SD SEC 34 TH S 89D 44M 44S E 1286/05 FT TO THE NE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH S 00D 54M 31S E COINCIDENT WITH THE E LN OF THE SW4 OF THE NW4 OF SD SEC 34 A DIST OF 1321/89 FT TO THE TRUE POB 39/06A

ENVIRONMENTAL LIENS

NO ENVIRONMENTAL LIENS FOUND.

ACTIVITY AND USE LIMITATIONS (AUL)

Instrument 1. **MEMORANDUM OF ENERGY STORAGE LEASE AND EASEMENT AGREEMENT**

Date Recorded:	05/10/2024	Instrument:	2024000024902
Dated:	04/25/2024		
1st Party:	SOARING HEIGHTS LLC		
2nd Party:	PRAIRIE PASS LLC		

Instrument 2. **TRANSMISSION AND ACCESS EASEMENT AGREEMENT**

Date Recorded:	02/01/2022	Instrument:	2022000009097
Dated:	11/19/2021		
1st Party:	RYAN SPECHT		
2nd Party:	INNERGEX RENEWABLE DEVELOPMENT USA, LLC		

DEED CHAIN

Instrument 1. **QUIT CLAIM DEED**

Date Recorded: 11/30/2023 Instrument: 2023000066441
Dated: 11/28/2023
Grantor(s): RYAN SPECHT
Grantee(s): SOARING HEIGHTS LLC

Instrument 2. **WARRANTY DEED**

Date Recorded: 10/11/2017 Instrument: 2017000089001
Dated: 10/11/2017
Grantor(s): LADONNA STUCKERT
Grantee(s): RYAN SPECHT

Instrument 3. **QUIT CLAIM DEED**

Date Recorded: 06/23/2015 Instrument: 2015000048810
Dated: 06/19/2015
Grantor(s): HAROLD W. HOSMER TRUST, LEONE HOSMER TRUST
Grantee(s): LODONNA STUCKERT
Notes: CORRECTION QUIT CLAIM DEED

Instrument 4. **QUIT CLAIM DEED**

Date Recorded: 06/02/2015 Instrument: 2015000041420
Dated: 05/29/2015
Grantor(s): HAROLD W. HOSMER TRUST, LEONE HOSMER TRUST
Grantee(s): LODONNA STUCKERT
Notes: LEGAL DESCRIPTION CORRECTED AT CORRECTION QUIT CLAIM DEED AT 2015000048810 RECORDED 6/23/2015

Instrument 5. **QUIT CLAIM DEED**

Date Recorded: 03/13/1992 Book/Page: 3878/1
Dated: 03/05/1992
Grantor(s): HAROLD W. HOSMER
Grantee(s): HAROLD W. HOSMER TRUST (1/2 INTEREST), LEONE HOSMER TRUST (1/2 INTEREST)
Notes: INTEREST SPLITS. FOLLOWING HAROLD W. HOSMER 1/2 INTEREST. NO DEED / CONVEYANCE FOUND OF HAROLD HOSMER INTO HAROLD W. HOSMER.

DEED CHAIN (con't...)

Instrument 6. **DEED**

Date Recorded:	12/07/1981	Book/Page:	2605/218
Dated:	11/13/1981		
Grantor(s):	HAROLD HOSMER AND ELEANOR MAY HANSON AS PERSONAL REPRESENTATIVES OF THE ESTATE OF MYRTLE A. HOSMER		
Grantee(s):	HAROLD HOSMER, ELEANOR MAY HANSON		
Notes:	NO PRIOR DEEDS FOUND INTO MYRTLE A. HOSMER THROUGH 1980 IN COUNTY INDEX THIS IS THE OLDEST DEED OF RECORD FOUND WITHIN SCOPE OF SEARCH.		

MISCELLANEOUS INSTRUMENTS

NO MISCELLANEOUS INSTRUMENTS FOUND.

THANK YOU FOR YOUR ORDER

For questions, please contact our office at 1-877-848-5337.

Order Number:
12995.25

AFX Reference Number:
79-350165-47

Our Environmental Lien and AUL report to 1980 provides a summary of recorded information on a specific property from January 1st, 1980 to present time. The report is intended to assist in the search for environmental liens filed in land title records. The report will verify property ownership, links the recorded transactions which pass title from one person (and/or entity) to another, and provide information on recorded environmental liens and/or Activity and Use Limitations that have been recorded from January 1st, 1980 forward. The scope of this search is compliant with ASTM 1527-21 standards.

Our professional network of trained researchers follow established industry protocols and use client-supplied property information to complete this Environmental Lien and AUL report. The research is conducted at all appropriate government offices based on the location of the subject property. This would include City, County, State, Federal and Tribal offices as needed. The report includes:

- Current deed information (i.e. grantor, grantee, recording dates)
- Historical property transfer information from 1980 forward (i.e. grantor, grantee, recording dates)
- Legal Description
- Environmental Lien information
- Activity and Use Limitation information
- Any Environmental Liens and/or documents referencing AULs that are listed within our summary report

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ACTIVITY AND USE LIMITATIONS (AUL) EXHIBIT

Electronically Recorded RECEPTION#: 2024000024902,
5/10/2024 at 11:31 AM, 1 OF 5,
REC: $33.00
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

Prepared by and after
Recording, Return To:
Prairie Pass LLC
Attn: Land Management
1108 Lavaca St, Suite 110-349
Austin, TX 78701

MEMORANDUM OF ENERGY STORAGE LEASE AND EASEMENT AGREEMENT

THE STATE OF COLORADO §
§ KNOW ALL PERSONS BY THESE PRESENTS:
COUNTY OF Adams §

THIS MEMORANDUM OF ENERGY STORAGE LEASE AND EASEMENT AGREEMENT (this "**Memorandum**"), is made, dated and effective as of **April** 25 , **2024** (the "**Effective Date**"), between **Soaring Heights LLC**, a Colorado limited liability company (collectively "**Owner**"), and **Prairie Pass LLC**, a Delaware limited liability company ("**Grantee**"), with regards to the following:

1. Energy Storage Agreement. Owner and Grantee did enter into that certain Energy Storage Lease and Easement Agreement of even date herewith (the "**Agreement**"), which affects the real property located in Adams County, State of Colorado, as more particularly described in Exhibit A attached hereto and made a part of this Memorandum (the "**Property**"). Capitalized terms used and not defined herein have the meaning given the same in the Agreement.

2. Project Activities. The Agreement grants Grantee an exclusive right to use the Property for Project Activities. "**Project Activities**" means: (i) determining the feasibility of energy storage, and other related activities on the Property, including studies of energy storage and transmission data, conducting environmental studies (which may require the extraction of soil samples and geophysical tests), cultural resource studies, habitat and species studies, interconnection studies, conducting title examinations and surveys, and all other testing, studies or sampling required for developing, maintaining and operating the Project (collectively, "**Feasibility Studies**") (ii) clearing and removing existing improvements, trees and plants from the Property, (iii) receiving, storing, collecting, transmitting and converting electrical energy, (iv) constructing, replacing, relocating, removing, operating, maintaining, and repairing the following (collectively the "**Project Facilities**"): (1) utility scale energy storage facilities including storage facilities utilizing battery technology (the "**Battery Facilities**"); (2) other electric facilities for the operation of the Battery Facilities, including but not limited to inverters, electric transformers, telecommunications equipment, concrete batch plants, roads, control buildings, foundations, water, plumbing, and electrical utilities, mounting units, construction laydown and staging areas and all necessary ancillary improvements and equipment providing support or otherwise associated therewith; (3) overhead and underground electrical transmission, collection and communications lines, wires and cables, and all necessary and proper foundations, footings, crossarms, guy wires, and other appliances and fixtures for use in connection with the same (collectively "**Transmission Facilities**"); (4) switching stations, substations, operation and maintenance buildings and storage yards ("**Operational Facilities**"), and (5) related facilities and equipment necessary and/or convenient for activities described in this Section 2; and (v) undertaking any other activities on the Property whether accomplished by Grantee or a third party authorized by Grantee, that Grantee reasonably determines are necessary, useful or appropriate to accomplish any of the foregoing.

3. Grant of Easements and Related Rights. In addition, the Agreement grants Grantee the following easements and related rights in gross for the Term of the Agreement: (i) an exclusive easement to construct, replace, relocate, remove, operate, and maintain the following from time to time, on, under, over and across the Property, in connection with Project Facilities, whether such Project Facilities are located on the Property or elsewhere on one or more Projects (in such locations as Grantee shall determine from time to time in the exercise of its sole discretion after notice to Owner): (a) Transmission Facilities; and (b) Operational Facilities; (ii) an exclusive easement and right over and across the Property for any audio, view, glare, noise, vibration, electromagnetic effects resulting from the Project

Facilities; and (iii) an easement and right of subjacent and lateral support on the Property to whatever is necessary for the Project Activities and the Project Facilities, and (iv) an easement and right to undertake any such purposes or other activities on the Property, whether accomplished by Grantee or a third party authorized by Grantee, that Grantee determines are necessary, useful or appropriate to accomplish the Project Activities. In addition, Grantee will not store non-operational, damaged, or expired equipment or batteries on the Property for a period longer then twelve (12) months.

4. Term. The Agreement shall be for an initial Development Term of up to **four (4) years**, a subsequent Construction Term of up to **twelve (12) months**, a subsequent Operations Term of up to **twenty (20) years**, and up to two subsequent Extended Operations Terms of **ten (10) years** each. The leasehold and easement estates granted pursuant to the Agreement are for a term coterminous with the Agreement.

5. Rights of Mortgagees. Pursuant to the Agreement, any Mortgagee of Grantee or Grantee's assignees has certain rights regarding notice and right to cure any default of Grantee under the Agreement, and the right to take possession of the Property, and to acquire the leasehold and easement estates by foreclosure, as well as other rights as set forth in the Agreement.

6. Waiver of Setback and Non-Interference. Owner agrees to reasonably cooperate with Grantee in its efforts to seek enforcement of any setbacks and setback requirements, in accordance with applicable law, whether imposed by law or by any person or entity with respect to Project Facilities located on the Property ("**Setback Requirements**").

7. No-Interference and Third Party Agreements. Owner shall not interfere with: the Projects, Project Facilities or the Project Activities. Owner shall not create or permit to be created or to remain, any Third Party Right or Lien with respect to the Property except as specifically permitted in the Agreement. Owner shall not utilize the surface of the Property to explore for, develop, or produce oil, gas, or other minerals from the Mineral Estate underlying the Property nor enter into any agreement permitting a third party to utilize the surface of the Property to explore for, develop, or produce, oil, gas or other minerals from the Mineral Estate underlying the Property.

8. Agreement Controls. This Memorandum does not supersede, modify, amend or otherwise change the terms, conditions or covenants of the Agreement, and Owner and Grantee executed and are recording this Memorandum solely for the purpose of providing constructive notice of the Agreement and Grantee's rights thereunder. The terms, conditions and covenants of the Agreement are incorporated in this Memorandum by reference as though fully set forth herein.

9. No Ownership. Owner shall have no ownership, lien or other interest in any Project Facilities installed on the Property, or any profits derived therefrom, and Grantee may remove any or all Project Facilities at any time.

10. Counterparts. This Memorandum may be executed in several counterparts, by separate signature pages, and/or by either emailed or facsimile/electronic signatures, each of which may be deemed an original, and all such counterparts, separate signature pages, and facsimile/electronic signatures together shall constitute one and the same Agreement.

[signatures appear on following pages]

Electronically Recorded RECEPTION#: 2024000024902,
5/10/2024 at 11:31 AM, 3 OF 5,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

IN WITNESS WHEREOF, the parties have executed this Memorandum to be effective as of the date first written above.

OWNER:
Soaring Heights LLC, a Colorado limited liability company

By: _____
Print Name: Ryan Specht
Print Title: Owner

ACKNOWLEDGEMENT

THE STATE/COMMONWEALTH OF __ §
§
COUNTY OF Adams §

This instrument was acknowledged before me on this 17th day of April, 2024, by Ryan Specht, as the Owner of **Soaring Heights LLC, a Colorado limited liability company**, on behalf of Soaring Heights LLC, a Colorado limited liability company.

[SEAL]
SAKAR THAPA
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20224015539
MY COMMISSION EXPIRES 04/19/2026

_____
Notary Public
State of CO

My commission expires:
04/19/2026

Electronically Recorded RECEPTION#: 2024000024902,
5/10/2024 at 11:31 AM, 4 OF 5,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

GRANTEE:
PRAIRIE PASS LLC, a Delaware limited liability company

By: _____
Name: ANDREW BOWMAN
Title: PRESIDENT

ACKNOWLEDGEMENT

STATE OF TEXAS §
§
COUNTY OF TRAVIS §

The foregoing instrument was acknowledged before me this 26th day of April, 2024, by ANDREW BOWMAN, as the PRESIDENT of **Prairie Pass LLC, a Delaware limited liability company**, on behalf of Prairie Pass LLC, a Delaware limited liability company.

ERIKA G BROWN
Notary Public, State of Texas
Comm. Expires 01-14-2025
Notary ID 13287181-9

_____
Notary Public in and for the State of Texas
My commission expires: 1/14/2025

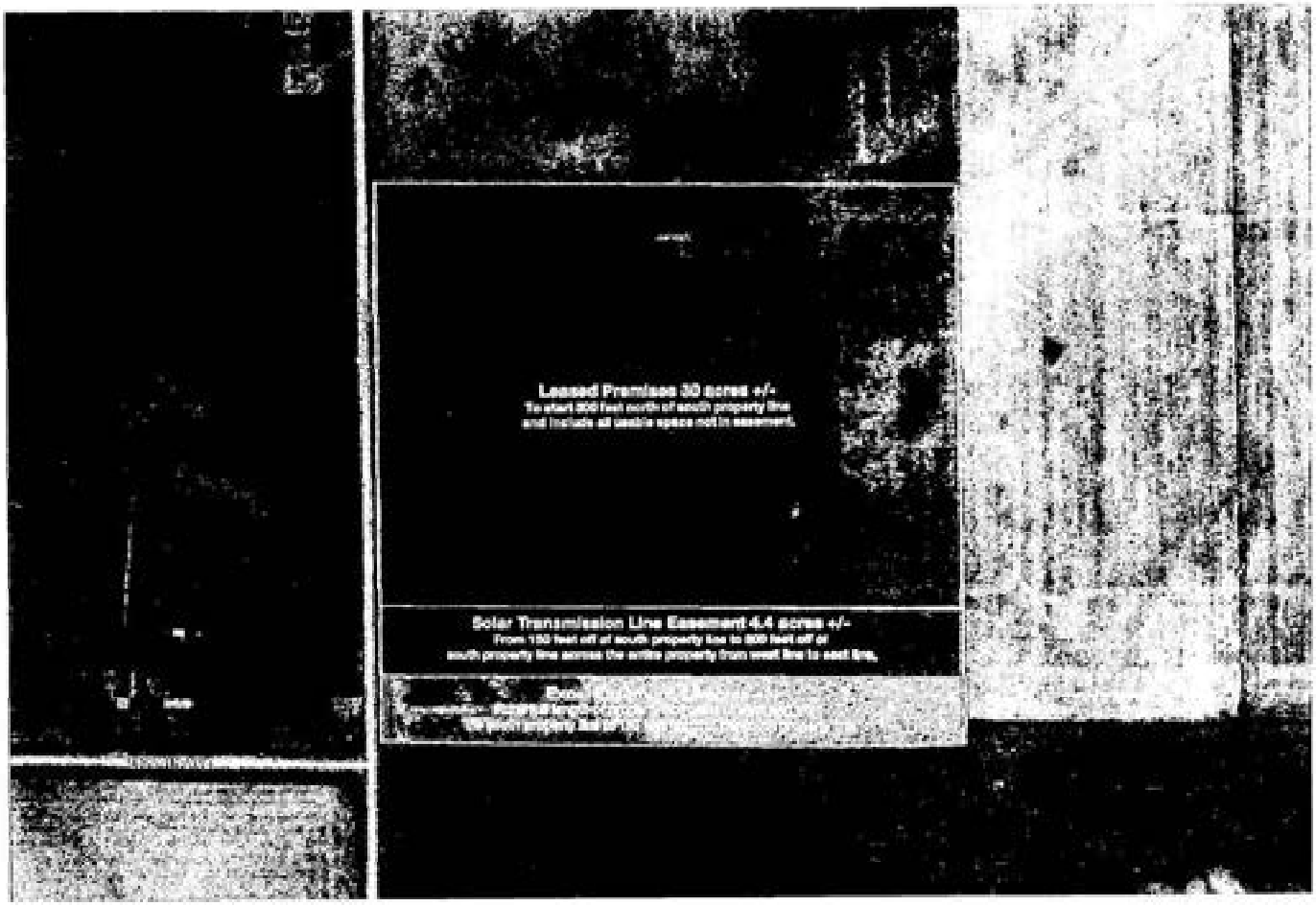
Electronically Recorded RECEPTION#: 2024000024902,
5/10/2024 at 11:31 AM, 5 OF 5,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

Exhibit A to
MEMORANDUM OF ENERGY STORAGE LEASE AND EASEMENT AGREEMENT

Depiction of Property

[Pursuant to the terms of the Agreement and upon request by Grantee, a more particular legal description of the Property shall be added to this Exhibit A]

The following described land located in Adams County, State of Colorado, containing 39.06 acres, more or less, bearing tax identification number 156534200004



Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 1 OF 14,
REC: $78.00
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

AFTER RECORDED MAIL TO:

Innergex Renewable Development USA, LLC
1100-888 Dunsmuir St.
Vancouver, B.C. Canada
V6C 3K4
Attn: General Counsel

TRANSMISSION AND ACCESS EASEMENT AGREEMENT

This TRANSMISSION AND ACCESS EASEMENT AGREEMENT (this "**Agreement**") is made and entered into effective as of November 17th 2021 (the "**Effective Date**") by and between Ryan Specht, married to Amy Specht, with mailing address of 12500 Cavanaugh Rd, Hudson, Colorado 80642 ("**Owner**"), and Innergex Renewable Development USA, LLC, a Delaware limited liability company, with mailing address of Suite 1100, 888 Dunsmuir St., Vancouver, B.C., V6C 3K4 Canada ("**Grantee**"). Owner is the sole owner of certain real property located in Adams County, Colorado more particularly described in Exhibit A attached hereto and made part hereof (the "**Property**").

1. Exclusive Transmission Easement. For good and valuable consideration, the legal receipt and sufficiency of which are hereby acknowledged by Owner, Owner grants to Grantee an exclusive easement (subject to the provisions of this Agreement) (the "**Transmission Easement**") on, along, over, under and across the portion of the Property as more particularly described and shown in Exhibit B attached hereto and made part hereof ("**Easement Area**"), for the right to erect, install, construct, reconstruct, replace, remove, maintain, operate, use, alter, improve, extend, enlarge, inspect, protect, repair, upgrade and relocate within the Easement Area the following improvements and facilities from time to time, in, on, through, along, upon, over, under and across the Easement Area: towers, poles or structures (made of wood, metal, concrete or other materials), with such wires, conductors, and cables as from time to time are suspended therefrom, and/or above ground or underground wires, conductors, conduit and cables, in each case for the transmission and /or distribution of electrical energy and/or for telecommunication and telemetry purposes, and all necessary and proper above- or under-ground foundations, footings, guy wires, anchors, grounding systems, crossarms and other appliances, fixtures and facilities (including junction and splice boxes) for use in connection with the foregoing.

a. All of the improvements and facilities described above are herein collectively called the "**Easement Facilities**." All Easement Facilities shall constitute and shall at all time remain the sole property of Grantee regardless of how they are affixed to the Property. Owner shall have no ownership or other interest in the Easement Facilities or related facilities installed or located on the Property by or on behalf of Grantee, and Grantee may erect, install, construct, reconstruct, replace, remove, maintain, operate, use, alter, improve, extend, enlarge, inspect, protect, repair, upgrade and relocate within the Easement Area any or all of the Easement Facilities and related facilities at any time. For greater certainty, the Easement Facilities shall not include any structure that is designed or used as or for housing, an office, shelter, or inhabitation.

2. Access Easements. Owner grants to Grantee the right of unobstructed ingress and egress for the purpose of providing vehicular, pedestrian, and aerial (including manned and unmanned flights) access over the Property to and from the Easement Area and Easement Facilities, and all other similar facilities owned by Grantee (whether such facilities are or are to be located on the Property or elsewhere). For vehicular and pedestrian access, access shall be by means of roads, lanes, tracks and paths thereon, if existing, or otherwise by such route or routes as Grantee may construct, at Grantee's cost, from time to time including the right to construct, maintain, and use a right of way suitable for access by Grantee vehicles or those of Grantee's agents or contractors, to, from, in, on, over, through, along, upon and across the lands described as the Property. For aerial access, access shall be by means of any direct route over and across the Property. The access easements set forth in this paragraph are herein collectively referred to as the "**Access Easement**," and together with the Transmission Easement, the "**Easements**." Grantee shall also have the right, and obligation, to maintain any such roads, lanes, tracks and paths within the Access Easement in order to prevent erosion and provide continued access. Grantee at Grantee's sole discretion may also improve or remove any such roads, lanes, tracks and paths within the Access Easement.

3. Easement Rights. The Easements shall also include the present and future right to: (i) enter on the Property at any time during the Initial Term to conduct inspections, tests, geotechnical reviews, soil tests, environmental studies, wildlife and/or habitat studies, transmission studies, archeological assessments, land surveying, title examinations, site engineering, and such other activities as Grantee reasonably deems necessary or appropriate for determining whether the Property is or remains suitable for Grantee's permitted purposes under this Agreement, including, but not limited to, intrusive tests; (ii) permit any other person or entity to attach wires, conductor, cables or conduits or other Easement Facilities to the Grantee's Easement Facilities within the Easement Area; (iii) relocate, or, if not commercially reasonable to do so in the sole discretion of Grantee, cut down and replace (in a new location) trees situated on the Easement Area with like species and height of all trees within the Easement Area; (iv) relocate, or, if not commercially reasonable to do so in the sole discretion of Grantee, cut down and replace (in a new location) trees situated on lands of Owner which adjoin the Easement Area when in the opinion of Grantee those trees may endanger the safety of or interfere with the Easement Facilities or ingress or egress to, from or along the Easement Area; (v) trim, cut down, and otherwise control, using herbicides or other means, vegetation or brush within the Easement Area, whether natural or cultivated, and all structure supported crops, all non-structure supported crops more than ten (10) feet in height, other structures, brush, vegetation, fire and electrical hazards, except non-structure supported agricultural crops less than ten (10) feet in height; and (vi) do anything necessary, useful or convenient for the enjoyment of the Easements. Grantee shall not be responsible for the survival of any trees that are relocated, or replaced under this Section 3.

4. Consideration. As consideration for the Easements and other rights granted herein, during the Initial and Additional Term, Grantee shall make payments to Owner as set forth on the Fee Schedule attached hereto as Exhibit C (the "**Fee Schedule**"), provided, however, that Owner and Grantee agree and acknowledge that when this Agreement is recorded, the Fee Schedule shall not be recorded, and such lack of recording of the Fee Schedule shall not impair or negate the validity of the Fee Schedule as between the Owner and the Grantee.

5. Term and Termination. Subject to the terms and conditions of this Agreement, the term of this Agreement shall begin on the Effective Date and continue thereafter for an initial period of five (5) years (the "**Initial Term**"); provided, however, that, at any time during the Initial Term, Grantee may elect to terminate this Agreement by providing written notice to Owner. Grantee must commence construction of the Easement Facilities prior to the expiration of the Initial Term or this Agreement shall automatically terminate. If Grantee provides written notice of the commencement of construction prior to the expiration of the Initial Term, then this Agreement shall automatically be extended for an additional term ending on the earlier of (i) the date that is thirty (30) years from the commencement of construction; provided, however, that Grantee, at its option, shall have the right to extend such term for two additional periods of ten (10) years each, or (ii) the date in which the agreement is terminated by Grantee by written notice to Owner that is recorded in the real property records (the "**Additional Term**"). As used herein, "**commence construction**" or "**commencement of construction**" shall mean the point at which permanent physical work of a significant nature begins in connection with the Easement Facilities. Upon the termination of this Agreement, unless Owner and Grantee agree in writing to extend this Agreement, Grantee shall remove the Easement Facilities to the following standards:

a. Roads: To the extent that Owner desires that roads constructed by Grantee pursuant to Section 2 hereof be removed, such roads shall be removed from the Property and Grantee shall ensure that any holes or cavities in the ground as a result of such removal are filled with topsoil of the same or similar type at the Property.

b. Underground Lines: For all underground wires, conductors, conduit or cables installed, such items shall be removed from the ground. Grantee shall ensure that any holes or cavities created in the ground as a result of such removal are filled with topsoil of the same or similar type at the Property. All splice and junction boxes shall be removed from the Property.

c. Overhead power and/or communication facilities (if any), and foundations shall be removed from the Property.

6. Character of Easements. This Agreement and the Easements shall run with the Property. This Agreement and the Easements shall inure to the benefit of, and be binding upon, Owner and Grantee and their respective transferees, heirs, successors and assigns and all persons claiming by, through or under them. Any sale or other transfer of the Property by Owner shall be subject to this Agreement and the Easements. The Easements are irrevocable, and Owner has no right to terminate this Agreement. Owner further agrees with respect to the Easements that (a) no act or failure to act on the part of Grantee shall be deemed to constitute an abandonment, surrender or termination thereof except upon recordation by Grantee of a quitclaim deed or other release or termination instrument specifically terminating the Easements or conveying the Easements back to Owner; (b) non-use of the entirety of the Easements and/or Easement Area shall not prevent the future use of the entire scope thereof in the event the same is needed; and (c) no use of or improvement to the Property or any lands benefited by the Easements, and no transfer of the Easements shall, separately or in the aggregate, constitute an overburdening of the Easements.

7. Assignment. Grantee may assign this Agreement or its rights with respect to the Easements at any time, in whole or in part, to an affiliate, a financing entity or an entity taking

ownership of all or any part of the solar project served by the Easement Facilities or Easements or transmission lines that serve such solar project, or any user or potential user of the transmission line in connection with this or any other solar project, or any public utility, without the need for Owner's consent. Grantee shall have the right to make a partial conveyance or assignment of the Easements to two or more such persons or entities as tenants-in-common or a grant of license or other use rights who shall have the right to jointly use any Easement Facilities and/or Easements for the purposes permitted under this Agreement. The assignor under any assignment hereunder shall be released from obligations and liabilities accruing after the date such obligations and liabilities are assumed by the assignee, to the extent assumed by the assignee.

8. Compliance with Laws; Costs. Grantee shall comply in all material respects with all laws, regulations and rules governing the erection, installation, construction, reconstruction, replacement, removal, maintenance, operation, use, alteration, improvement, extension, enlargement, inspection, protection, repair, upgrade and relocation of the Easement Facilities. Owner agrees to cooperate fully and promptly with Grantee at no out-of-pocket cost to Owner, and to join in all applications for permits, licenses and governmental approvals or requests for other instruments which Grantee may deem necessary or desirable for purposes of the intended use of the Easements or the development of the Easement Area or the Property. All costs and expenses incident to the erection, construction, reconstruction, replacement, removal, relocation, enlargement, maintenance, operation and use of the Easement Facilities, including the trimming and cutting of any trees and underbrush, shall be borne by Grantee without cost to Owner.

9. Owner's Right to Use the Property. Owner retains the right to use the Property for all purposes not inconsistent with, and which will not interfere with, the rights granted to Grantee by this Agreement. Specifically, but without limiting the generality of the foregoing, (i) Owner shall not undertake or allow any digging, tunneling or other form of construction activity on the Property which would disturb or damage the Easement Facilities, unearth, obstruct or interfere with the operation and use of the Easements or Easement Facilities or endanger the lateral support to the Easement Area or Easement Facilities, and (ii) Owner shall not grant other persons easement rights in the Property outside of the Easement Area or other property owned by Owner if such easement rights shall in any way interfere with the easement rights granted Grantee under this Agreement.

10. Indemnity. Grantee shall, at all times, save and hold harmless and indemnify Owner, its officers, partners, agents, contractors and employees, from and against all losses, damages, expenses, claims, demands, suits and actions for personal injuries and property damage outside the Easement Area, to the extent proximately caused by the negligence or willful misconduct of Grantee, its officers, partners, agents, contractors, employees, licensees and invitees. Owner shall, at all times, save and hold harmless and indemnify Grantee, its officers, partners, agents, contractors and employees, from and against all losses, damages, expenses, claims, demands, suits and actions for personal injuries and property damage to the extent proximately caused by the negligence or willful misconduct of Owner, its officers, partners, agents, contractors, employees, licensees and invitees.

11. Quiet Enjoyment. Owner represents and warrants to Grantee that Owner has good title to the Property and the Easement Area to the extent as agreed to in Section 1 and warrants

title to and quiet enjoyment of the Easements and the Easement Area by Grantee and Grantee's employees, members, managers, agents, licensees, contractors, subcontractors, lessees, sublessees, mortgagees, successors, and assigns against the claims and demands of all persons whomsoever. Owner shall cooperate with Grantee to obtain a subordination or non-disturbance agreement or other appropriate agreement as determined by Grantee in Grantee's sole discretion from any party that holds a lien, easement, lease, mortgage, deed of trust, mineral or oil and gas right, surface use right, option to purchase or lease, or any other encumbrance or exception to Owner's fee title ownership of the Property, recorded or unrecorded (collectively, "**Liens**"), prior to the date of recordation of this Agreement in the public records. Owner agrees to satisfy and pay when due all obligations under any Lien affecting the Property including any taxes and assessments. If Owner fails to satisfy and pay when due all obligations under any Lien, Grantee shall be entitled (but not obligated) to make payments in fulfillment of Owner's obligations to the holder of the Lien and may offset the amount of such payments from amounts due Owner under this Agreement or seek reimbursement from Owner, which amounts Owner agrees to promptly pay upon written demand.

12. Financing. Grantee may, at any time and without the consent of Owner, grant to any persons or entities (herein, together with that persons or entities successors and assigns, a "**Lender**", whether one or more) one or more mortgages, deeds of trusts, liens, security interests or collateral assignments in all or any part of Grantee's Easement interests and other rights under this Agreement (a "**Mortgage**"). In the event any such Mortgage is granted, the Lender thereunder shall, for so long as its Mortgage remains in effect, be entitled to the protections described in the following provisions of this Section 12, upon delivery to Owner of written notice of Lender's name and address.

a. Consent to Modification, Termination or Surrender. So long as any Mortgage remains in effect and Owner has received prior written notice of such Mortgage, this Agreement shall not be modified, and Owner shall not accept a surrender of any of the Easement Area or a termination or release of this Agreement, without the prior consent of the Lender.

b. Lender Rights. Lender shall have the absolute right to do any act or thing required to be performed by Grantee under this Agreement, and any such act or thing performed by a Lender shall be as effective as if done by Grantee itself. Following acquisition of Grantee's easement interest hereunder by a Lender or its assignee or designee as a result of foreclosure of Grantee's easement interest or assignment of Grantee's easement interest in lieu of foreclosure, or by a purchaser of Grantee's easement interest at a foreclosure sale, this Agreement shall continue in full force and effect and a Lender or other party acquiring title to the easement estate shall, as promptly as reasonably possible, commence the cure of any defaults hereunder and thereafter diligently process such cure to completion; provided, however, a Lender or other party acquiring title to the easement estate shall not be required to cure those defaults which are not reasonably susceptible of being cured or performed by such party ("**Non-curable Defaults**"). Non-curable Defaults shall be deemed waived by Owner as to any party acquiring title to the easement estate upon completion of foreclosure proceedings or acquisition of Grantee's interest in this Agreement by such party. Upon the subsequent sale or other transfer by a Lender or other acquiring party of the easement interests acquired pursuant to

foreclosure or assignment in lieu of foreclosure, a Lender or other acquiring party shall have no further duties or obligations hereunder arising after the effective date of such subsequent sale or other transfer. Neither the bankruptcy nor the insolvency of Grantee shall be grounds for terminating this Agreement.

e. Cooperation. Owner, upon written request of Grantee or any Lender, shall promptly execute any estoppel certificates (certifying as to such matters as Grantee may reasonably request, including that no default then exists under this Agreement, if such be the case), affidavits of title, consents to assignments or additional documents, which may be reasonably necessary for recording purposes by Grantee or a Lender. Owner shall cooperate in amending this Agreement from time to time to include any provision that may be reasonably requested by Grantee or any Lender for the purpose of implementing the terms and conditions contained in this Agreement or of preserving a Lender's security interest, at no out-of-pocket cost to Owner and which does not materially increase the obligations of Owner hereunder.

13. Removal of Easement Facilities; Security for Removal. On or by the fifteenth (15th) anniversary of the Additional Term, Grantee shall obtain and deliver to Owner a bond, corporate guaranty or letter of credit in form and substance reasonably satisfactory to Owner securing performance of Lessee's obligation to remove the Easement Facilities located on the Property (any of the foregoing, a "**Removal Bond**") as set forth in Section 5. The Removal Bond must be equal to the estimated amount, if any, by which the cost of removing the Easement Facilities exceeds the sum of (i) the "Residual Value" of such Easement Facilities, plus (ii) the amount of any decommissioning, or removal bond that Grantee is required by any governmental entity to maintain (the "**Net Removal Costs**"). The Residual Value shall be equal to the present value of the revenue expected to be generated by the Easement Facilities over their remaining expected life plus the salvage value of such Easement Facilities. To the extent that the Net Removal Costs are zero (or negative) at any time or from time to time, a Removal Bond shall not be required on the part of Grantee, provided, however that Grantee shall reevaluate the need for a Removal Bond every second year after the fifteenth (15th) anniversary of the Additional Term. Notwithstanding anything to the contrary in this Section 13, Grantee shall not be required to deliver such Removal Bond to Owner during any periods Grantee has delivered such a bond or letter of credit in connection with the permitting of the Property. Once in place, Grantee shall keep the Removal Bond in force throughout the remainder of the Additional Term. The Net Removal Costs shall be determined by the parties hereto acting in good faith. If the parties cannot agree upon the Net Removal Costs within sixty (60) days after the fifteenth (15th) anniversary of the Additional Term, then the Net Removal Costs shall be determined by an independent engineer mutually selected by the parties. The cost of the independent engineer will be covered by the Owner and Grantee 50/50. If the parties cannot agree upon such independent engineer within the next thirty (30) days, then an independent engineer shall be appointed by each of the parties and each of such independent engineers shall select a third independent engineer. The cost of each independent engineer will be the responsibility of each the Owner and Grantee, and the selected third independent engineer cost will be covered by the Owner and Grantee 50/50. The decision of the independent engineer (or a majority of the independent engineers if a single engineer is not selected) as to the Net Removal Costs shall be conclusive as between, and binding upon, the parties hereto.

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2/1/2022 at 7:02 AM, 7 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

14. Homestead. To the fullest extent allowed by law, Owner hereby releases and waives all rights under and by virtue of any applicable homestead exemption or similar laws as to Grantee's interest and other rights granted hereunder. Notwithstanding the foregoing, in the event that Owner attempts to claim any portion of the Property as a homestead under any exemption laws, Owner agrees to (i) limit such claim to areas of the Easement Area undeveloped and not contemplated for development by Grantee, and (ii) limit such claim to no more area than that permitted by Colorado Revised Statutes Sections 38-41-201 et seq. as they may be amended from time to time. Owner further agrees that if any portion of the Property is claimed as a homestead, then, at Grantee's sole option, Owner and Grantee shall promptly enter into an amendment to this Agreement removing the smallest portion of the Easement Area that may constitute homestead property under Colorado Revised Statutes Sections 38-41-201 et seq. from the Easement Area under this Agreement. In all cases, Owner and Grantee shall work together in good faith to designate for release only that portion of the Easement Area that is actually used and legally required as homestead, while minimizing impact on the solar project and the Easement Facilities.

15. Notices. Any communications, requests, demands, notices or other communication between the parties hereto either required or given under this Agreement, including all documents delivered pursuant to this Agreement, shall be in writing and given to each of the other parties hereto at the addresses set forth for such party in this Section 15 and shall be deemed to have been duly given when received if personally delivered; when transmitted if transmitted by electronic or digital transmission method; the business day after it is sent, if sent for next business day delivery to a domestic address by recognized overnight delivery service (e.g., Federal Express or UPS); and upon receipt, if sent by certified or registered mail, return receipt requested. Any party may change its address for notice set forth in this Section 15, from time to time, by providing notice thereof to each of the other parties hereto. Notice addresses are as follows:

If to Owner, to: Ryan Specht
12500 Cavanaugh Rd.
Hudson, Colorado 80642
Email: rspechtff149@gmail.com

If to Grantee, to: Innergex Renewable Development USA, LLC
Suite 1100, 888 Dunsmuir Street
Vancouver, British Columbia Canada
V6C 3K4
Attn : Legal
Email: legal@innergex.com

16. Confidentiality. Owner agrees that the terms, conditions and contents of Exhibit C, any documentation or information provided by Grantee to Owner in connection with Exhibit C and any payment made by Grantee hereunder, shall be kept confidential subject to state or federal laws that require disclosure or reporting of any of the foregoing documentation or information; provided, however, Owner may disclose the contents of Exhibit C to Owner's attorneys, accountants and other professionals, as well as Owner's immediate family, so long as

said persons are made aware of this confidentiality provision and such persons agree to keep such documentation and information confidential.

17. Legal Matters.

(a) This Agreement shall be construed and enforced in accordance with the laws of the State of Colorado, excluding the choice of law provisions thereof.

(b) The parties agree that any rule of construction to the effect that ambiguities are to be resolved in favor of either party shall not be employed in the interpretation of this Agreement. No waiver by a party of any provision of this Agreement shall be deemed to be a waiver of any other provision hereof. The use of the neuter gender includes the masculine and feminine, and the singular number includes the plural, and vice versa, whenever the context so requires. The terms "include", "includes" and "including", as used herein, are without limitation. Captions and headings used herein are for convenience of reference only and do not define, limit or otherwise affect the scope, meaning or intent hereof. The term "hereof" or "herein" means the entirety of this Agreement unless otherwise indicated.

(c) **THE PARTIES HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVE, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT THAT THEY MAY HAVE TO TRIAL BY JURY OF ANY CLAIM OR CAUSE OF ACTION, OR IN ANY LEGAL PROCEEDING, DIRECTLY OR INDIRECTLY BASED UPON OR ARISING OUT OF THIS AGREEMENT.** In the event of a dispute arising out of or related to this Agreement, the parties will attempt amicable resolution of such dispute through mediation. If the parties fail to resolve the dispute within thirty (30) days of either party's notice to the other party of said dispute, as either party determines in its sole discretion, then either party may file suit in any court of competent jurisdiction in the county in which the Property is located.

(d) **NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS AGREEMENT, NEITHER PARTY SHALL BE ENTITLED TO, AND EACH OF OWNER AND GRANTEE HEREBY WAIVES ANY AND ALL RIGHTS TO RECOVER, CONSEQUENTIAL, INCIDENTAL, INDIRECT AND PUNITIVE OR EXEMPLARY DAMAGES, HOWEVER ARISING, WHETHER IN CONTRACT, IN TORT, OR OTHERWISE, UNDER OR WITH RESPECT TO ANY ACTION TAKEN IN CONNECTION WITH THIS AGREEMENT (BUT THIS SHALL NOT LIMIT THE INDEMNITIES OF THE PARTIES CONTAINED IN THIS AGREEMENT WITH RESPECT TO THIRD PARTY CLAIMS).**

(e) Severability. If any terms or provision of this Agreement are deemed to be invalid or unenforceable, the remainder of this Agreement shall not be affected thereby.

(f) Counterparts and Recording. This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original agreement, and all of which shall constitute one agreement. A version of this Agreement, without Exhibit C, shall, for the purposes of recording and providing notice to all parties, be deemed to be a counterpart of this Agreement. Owner and Grantee agree that this Agreement (without the Fee Schedule, Exhibit

C) shall be recorded in the official real property records for the county in which the Property is located.

(g) Further Assurances. Each party agrees that it will without further consideration execute and deliver such other documents and take such other action as may be reasonably requested by the other party to consummate more effectively the purposes or subject matter of this Agreement. The parties acknowledge and agree that the provisions of this Section 17(g) and (h) shall survive the execution and recording of this Agreement, and the Grantee may seek specific performance of said Sections, together with such other legal and equitable remedies as may be provided by law.

(h) Inaccuracy or Changes of Legal Description or Ownership. In the event of any inaccuracy in the description of the Property or Easement Area in Exhibit A or Exhibit B, respectively, or in the description of the parties in whom title to the Property is vested, or if any change is made to the properties legal address due to subdividing of property, Owner and Grantee shall amend this Agreement to correct such inaccuracy or change in order to accomplish the intent of Owner and Grantee.

(i) Remedies. In addition to any remedies expressly set forth in this Agreement, except as provided herein, Owner and Grantee shall be entitled to all remedies available in law or in equity and any court enforcing the rights and duties granted in this Agreement shall have the power (insofar as that power may be granted by contract) to issue restraining orders or injunctions as necessary to enforce the provisions of this Agreement; provided, however, that neither this Agreement, the Easements, nor the rights of Grantee granted hereunder shall be terminated under any circumstances.

(j) Entire Agreement. This Agreement and the exhibits attached hereto contain the entire agreement and understanding of the parties relating to the subject matter hereof, and supersedes any and all prior negotiations and understandings with respect thereto. The terms of this Agreement shall not be modified, amended or changed in any respect except by written document signed by Owner and Grantee.

Signature pages follow

Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 10 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

IN WITNESS WHEREOF, and intending to be legally bound hereby, Owner and Grantee have caused this Agreement to be executed and delivered by their duly authorized representatives on the date set forth below the respective signatures of Owner and Grantee, effective as of the Effective Date.

EXECUTED by Owner on this 19th day of November, 2021.

OWNER:

RYAN SPECHT

STATE OF COLORADO)
) ss.
COUNTY OF ADAMS)

The foregoing instrument was acknowledged before me by Ryan Specht as the Owner of 12500 Cotaroux Rd, this 19 day of November, 2021. Hudson, CO 80642

WITNESS my hand and official seal.

ALEJANDRO AVINA
NOTARY PUBLIC - STATE OF COLORADO
NOTARY ID 20124059594
MY COMMISSION EXPIRES SEP 12, 2024

Notary Public

My commission expires: 09-12-2024

GRANTEE:

INNERGEX RENEWABLE DEVELOPMENT USA, LLC

By:
Name: David Little
Title: Vice President + Managing Director - USA

Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 11 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

PROVINCE OF BRITISH COLUMBIA §
§
CITY OF VANCOUVER §

Before me, _____, on this day personally appeared _____, the _____ of Innergex Renewable Development USA, LLC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this __ day of _____, 2021.

By: _____
Notary Public in and for the
Province of British Columbia

See attached Acknowledgment

Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 12 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

CALIFORNIA ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego }

On 11/22/2021 *Date* before me, RITA CANNAVA, Notary Public *Here Insert Name and Title of the Officer*,

personally appeared David Little *Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

RITA CANNAVA
Notary Public - California
San Diego County
Commission # 2373588
My Comm. Expires Sep 3, 2025

Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ *Signature of Notary Public*

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____	Signer's Name: _____
☐ Corporate Officer – Title(s): _____	☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General	☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer is Representing: _____	Signer is Representing: _____

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Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 13 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

The following land in Adams County, Colorado

A PORTION OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 64 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: CONSIDERING THE NORTH LINE OF THE NORTHWEST ¼ OF SAID SECTION 34 AS BEARING SOUTH 89 DEGREES 41 MINUTES 50 SECOND EAST WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO: BEGINNING AT THE SOUTHEAST CORNER OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE NORTH 89 DEGREES 47 MINUTES 36 SECONDS WEST, COINCIDENT WITH THE SOUTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34, A DISTANCE OF 1287.80 FEET TO THE EAST RIGHT-OF-WAY LINE OF CAVANAUGH ROAD; THENCE NORTH 00 DEGREES 49 MINUTES 54 SECONDS WEST, COINCIDENT WITH SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 1322.93 FEET TO THE NORTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE SOUTH 89 DEGREES 44 MINUTES 44 SECONDS EAST, COINCIDENT WITH THE NORTH LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34, A DISTANCE OF 1286.05 FEET TO THE NORTHEAST CORNER OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34; THENCE SOUTH 00 DEGREES 54 MINUTES 31 SECONDS EAST, COINCIDENT WITH THE EAST LINE OF THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SAID SECTION 34, A DISTNACE OF 1321.89 FEET TO THE TRUE POINT OF BEGINNING, DESCRIPTION PROVIDED BY CURTIS D. HOOS, P.LS. 37071 APRIL 6, 2006.

Approximately 38.06 acres total.

Parcel Number 0156534200004

Electronically Recorded RECEPTION#: 2022000009097,
2/1/2022 at 7:02 AM, 14 OF 14,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

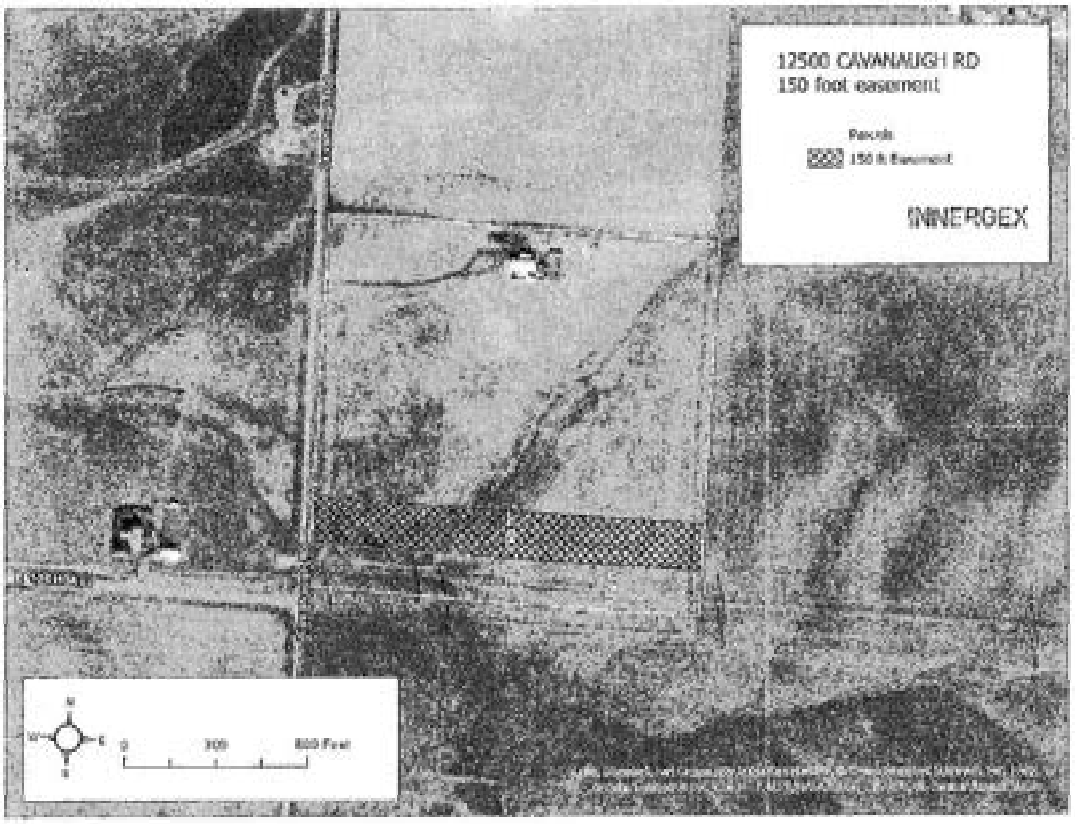
EXHIBIT B

EASEMENT AREA

The following area in, on, along, over, upon, across, under and through the Property, all in Adams County, Colorado:

EASEMENT AREA:

The Easement Area shall be approximately one hundred and fifty foot (150') wide and approximately one thousand two hundred and eighty seven feet (1,287') long from one hundred and fifty feet (150') north from the southern most portion of the Property in the depiction of the Easement Area below.



DEEDS EXHIBIT

Electronically Recorded RECEPTION#: 2023000066441,
11/30/2023 at 4:07 PM, 1 OF 2,
REC: $18.00 DocStamp: $0.00
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

State Documentary Fee
Date:
$0.00
No Doc Fee Required

Quit Claim Deed

(Pursuant to C.R.S. 38-30-113(1)(d))

Grantor(s), **RYAN SPECHT**, whose street address is **12500 CAVANAUGH ROAD**, City or Town of **HUDSON**, County of **ADAMS** and State of **COLORADO**, **80602**, for the consideration of ***** Ten Dollars and Other Good and Valuable Consideration ***** dollars, in hand paid, hereby sell(s) and quitclaim(s) to **SOARING HEIGHTS, LLC A COLORADO LIMITED LIABILITY COMPANY** as Entity whose street address is **P.O. BOX 265**, City or Town of **BRIGHTON**, County of **Adams** and State of **Colorado**, the following real property in the County of **Adams** and State of Colorado, to wit:

See attached "Exhibit A"

also known by street and number as **12500 CAVANAUGH ROAD, HUDSON, CO 80602**

with all its appurtenances.

Signed this day of .

RYAN SPECHT

State of **COLORADO**)
)ss
County of Weld)

The foregoing instrument was acknowledged before me on this day of November 28, 2023 by **RYAN SPECHT**

Notary Public
My Commission expires 05/29/2026

TERESA MARIE ESPINOSA
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20184022550
MY COMMISSION EXPIRES 05/29/2026

When recorded return to: **SOARING HEIGHTS, LLC A COLORADO LIMITED LIABILITY COMPANY**
P.O. BOX 265, BRIGHTON, CO 80601

Land Title

Electronically Recorded RECEPTION#: 2023000066441,
11/30/2023 at 4:07 PM, 2 OF 2,
TD Pgs: 0 Josh Zygielbaum, Adams County, CO.

Exhibit A

A PORTION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 64 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO, MORE PARTICULARLY *DESCRIBED* AS FOLLOWS:

CONSIDERING THE NORTH LINE OF THE NORTHWEST 1/4 OF SAID SECTION 34 AS BEARING SOUTH 89 DEGREES 41 MINUTES 50 SECONDS EAST WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO: BEGINNING AT THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34; THENCE NORTH 89 DEGREES 47 MINUTES 36 SECONDS WEST, COINCIDENT WITH THE SOUTH LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34, A DISTANCE OF 1287.89 FEET TO THE EAST RIGHT-OF-WAY LINE OF CAVANAUGH ROAD; THENCE NORTH 00 DEGREES 49 MINUTES 54 SECONDS WEST, COINCIDENT WITH SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 1322.93 FEET TO THE NORTH LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34; THENCE SOUTH 89 DEGREES 44 MINUTES 44 SECONDS EAST, COINCIDENT WITH THE NORTH LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34, A DISTANCE OF 1288.05 FEET TO THE NORTHEAST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34; THENCE SOUTH 00 DEGREES 54 MINUTES 31 SECONDS EAST, COINCIDENT WITH THE EAST LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 34, A DISTANCE OF 1321.89 FEET TO THE TRUE POINT OF BEGINNING,

DESCRIPTION PROVIDED BY CURTIS D. HOOS, P.L.S. 37071 APRIL 6, 2005.

Appendix K
Vapor Encroachment Report

Prairie Pass
12500 Cavanaugh Road
Hudson, CO 80642

Inquiry Number: 7630016.2s
May 3, 2024

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	not searched	-	-	-
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	0.001	0	0	-
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.001	0	0	-
Other Ascertainable Records	1.0	0	0	0

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

PRAIRIE PASS
12500 CAVANAUGH ROAD
HUDSON, CO 80642

COORDINATES

Latitude (North):	39.921961 - 39° 55′ 19.065857″
Longitude (West):	104.543403 - 104° 32′ 36.25305″
Elevation:	5261 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page

Not Reported

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page

Not Reported

EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page

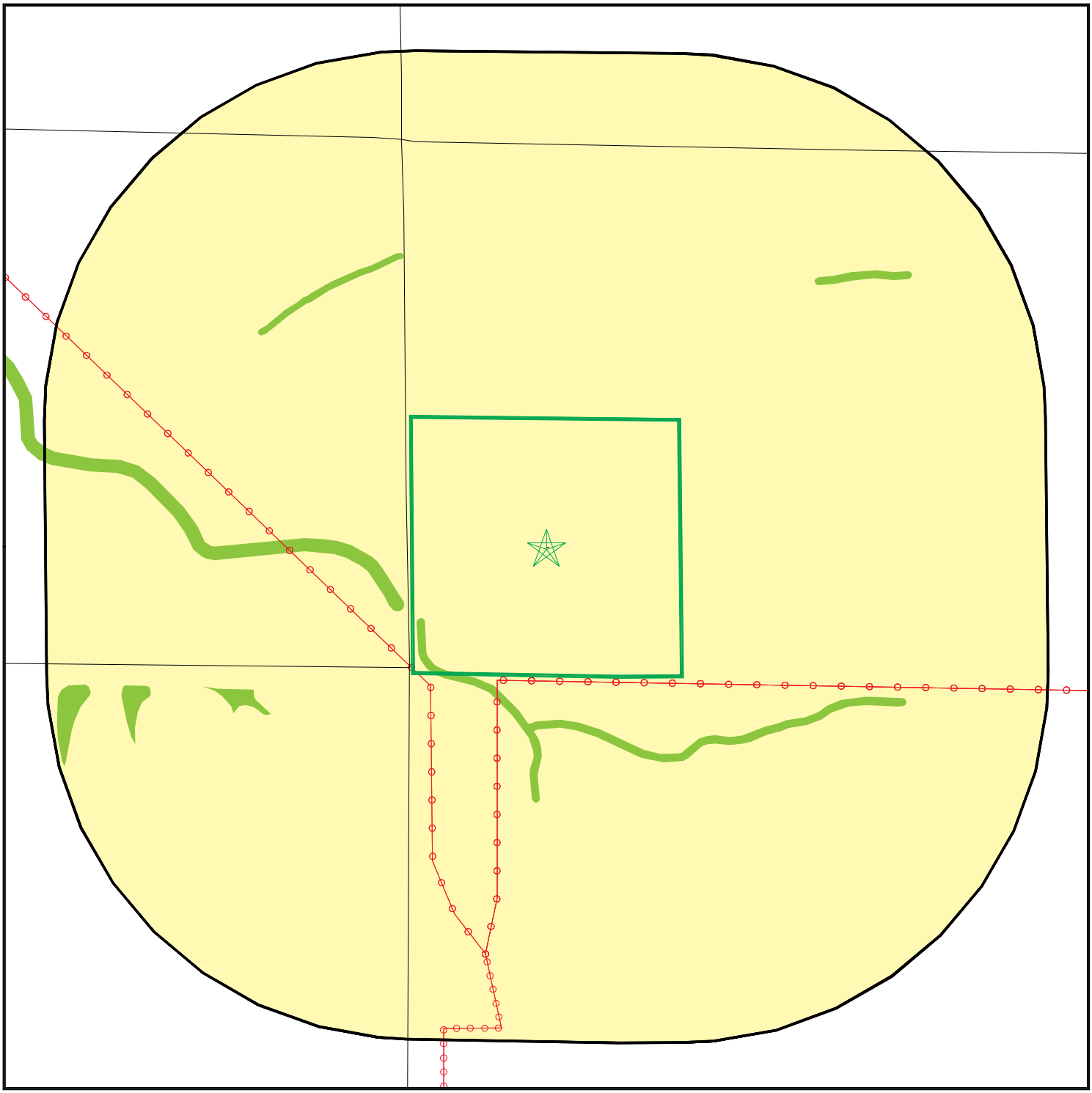
Not Reported

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page

Not Reported

PRIMARY MAP - 7630016.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
National Priority List Sites
Dept. Defense Sites

Indian Reservations BIA
Power transmission lines
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
National Wetland Inventory
State Wetlands

0 300 1/3 1/2 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Prairie Pass ADDRESS: 12500 Cavanaugh Road Hudson CO 80642 LAT/LONG: 39.921961 / 104.543403	CLIENT: DUDEK CONTACT: Susan Smith INQUIRY #: 7630016.2s DATE: April 19, 2024 7:53 pm

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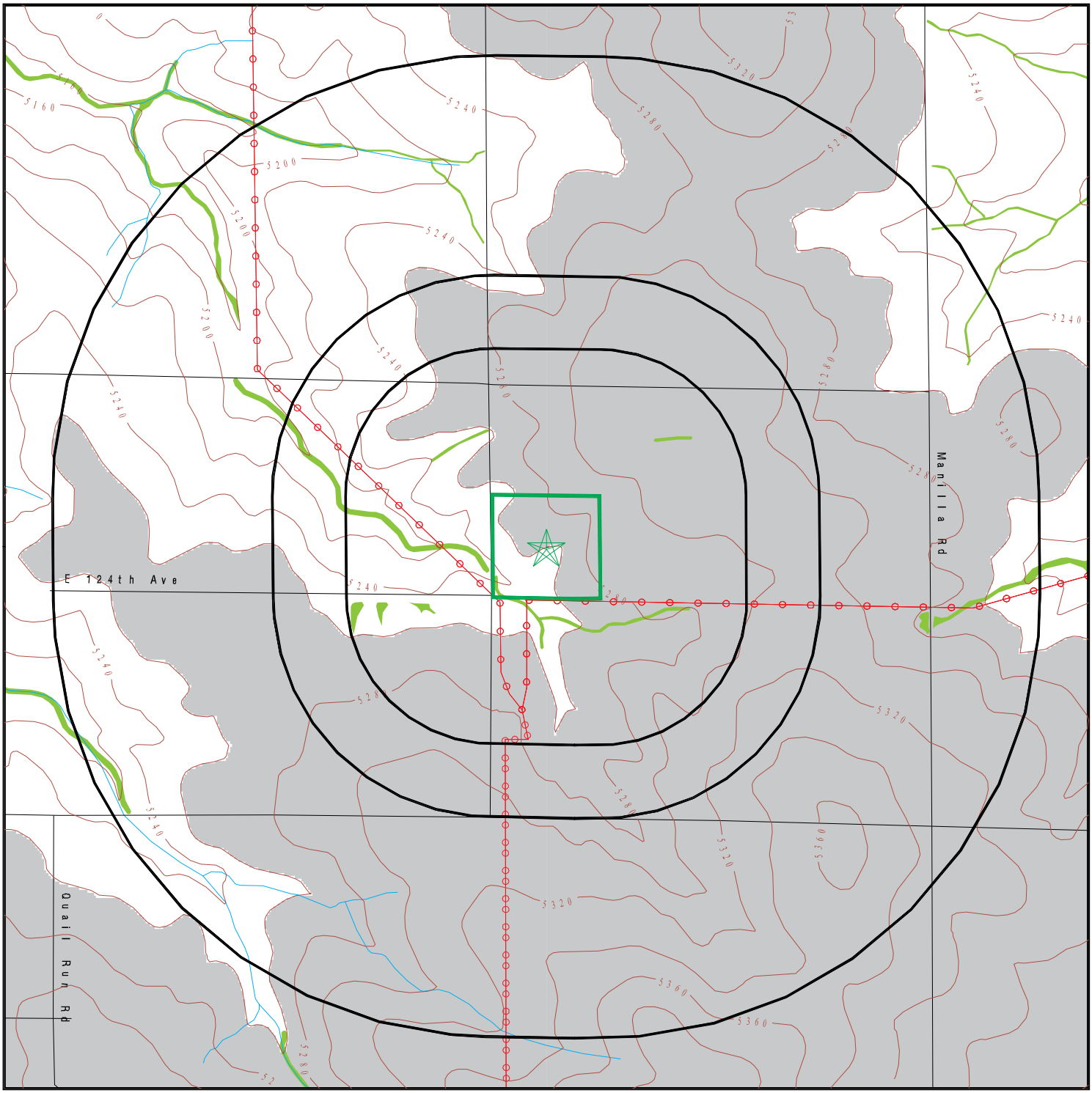
SECONDARY MAP - 7630016.2S



0 1/3 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Prairie Pass ADDRESS: 12500 Cavanaugh Road Hudson CO 80642 LAT/LONG: 39.921961 / 104.543403	CLIENT: DUDEK CONTACT: Susan Smith INQUIRY #: 7630016.2s DATE: April 19, 2024 7:53 pm

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	02/29/2024	03/01/2024	03/27/2024
US	Proposed NPL	Proposed National Priority List Sites	EPA	02/29/2024	03/01/2024	03/27/2024
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	01/29/2024	02/01/2024	02/22/2024
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	12/04/2023	12/06/2023	12/12/2023
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/14/2024	02/16/2024	04/04/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/13/2024	02/21/2024	04/04/2024
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/13/2024	02/21/2024	04/04/2024
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/12/2023	12/13/2023	02/28/2024
State and tribal - equivalent CERCLIS						
CO	SHWS	This state does not maintain a SHWS list. See the Federal CE	Department of Public Health & Environment			
State and tribal landfill / solid waste disposal						
CO	SWF/LF	Solid Waste Sites & Facilities	Department of Public Health & Environment	05/16/2023	11/09/2023	02/07/2024
CO	SHWF	Solid Waste Information System Listing	Department of Public Health & Environment	01/29/2024	01/31/2024	04/18/2024
State and tribal leaking storage tank lists						
CO	LAST	Leaking Aboveground Storage Tank Listing	Department of Labor & Employment	03/01/2018	03/07/2018	04/03/2018
CO	LUST	Leaking Underground Storage Tank List	Department of Labor and Employment, Oil Inspe	03/01/2018	03/07/2018	04/03/2018
CO	LTANKS	Petroleum Release Events Listing	Department of Labor & Employment	11/01/2023	11/22/2023	02/15/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/04/2023	01/17/2024	03/13/2024
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/25/2023	01/17/2024	03/13/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/25/2023	01/17/2024	03/13/2024
CO	TRUST	Lust Trust Sites	Department of Labor and Employment, Oil Inspe	12/12/2023	12/13/2023	03/07/2024
State and tribal registered storage tank lists						
CO	UST	Underground Storage Tank Database	Department of Labor and Employment, Oil Inspe	11/22/2023	11/27/2023	02/15/2024
CO	AST	Aboveground Tank List	Department of Labor and Employment, Oil Inspe	11/22/2023	11/27/2023	02/15/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/17/2023	01/17/2024	03/13/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/24/2023	01/17/2024	03/13/2024
US	FEMA UST	Underground Storage Tank Listing	FEMA	11/16/2023	11/16/2023	02/13/2024
State and tribal institutional control / engineering control registries						
CO	AUL	Environmental Real Covenants List	Department of Public Health & Environment	01/23/2024	01/24/2024	04/05/2024
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
CO	VCP	Voluntary Cleanup & Redevelopment Act Application Tracking R	Department of Public Health and Environmental	03/27/2024	03/27/2024	04/16/2024
State and tribal Brownfields sites						
CO	BROWNFIELDS	Brownfields Sites Listing	Department of Public Health & Environment	01/16/2024	01/16/2024	04/02/2024
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2023	01/11/2024	01/16/2024
US	ROD	Records Of Decision	EPA	02/29/2024	03/01/2024	03/27/2024
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/29/2024	03/01/2024	03/27/2024
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CO	HISTORICAL LANDFILL	Historical Landfill List	Department of Public Health & Environment	01/31/1993	04/24/1994	05/30/1994
CO	SWRCY	Registered Recyclers Listing	Department of Public Health & Environment	07/26/2023	08/24/2023	08/25/2023
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2022	11/27/2023	02/22/2024
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	02/29/2024	03/01/2024	03/27/2024
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/11/2023	12/13/2023	02/28/2024
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	12/31/2023	02/21/2024	04/04/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	Delisted NPL	National Priority List Deletions	EPA	02/29/2024	03/01/2024	03/27/2024
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/29/2024	02/01/2024	02/22/2024
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/12/2023	12/13/2023	02/28/2024
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	12/31/2023	02/21/2024	04/04/2024
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	08/15/2023	08/30/2023	12/01/2023
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/30/2024	02/13/2024	04/04/2024
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/05/2024	02/21/2024	04/04/2024
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	01/02/2024	01/03/2024	01/04/2024
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	01/16/2024	01/17/2024	03/27/2024
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	03/20/2023	04/04/2023	06/09/2023
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	01/02/2024	01/16/2024	03/13/2024
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	11/03/2023	11/08/2023	11/20/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	02/01/2024	02/08/2024	04/04/2024
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	11/28/2023	11/29/2023	12/11/2023
CO	AIRS	Permitted Facility & Emissions Listing	Department of Public Health & Environment	08/23/2023	08/29/2023	11/07/2023
CO	ASBESTOS	Asbestos Abatement & Demolition Projects	Department of Public Health & Environment	11/06/2019	01/09/2020	03/16/2020
CO	CDL	Meth Lab Locations	Department of Public Health and Environment	12/18/2023	12/21/2023	03/18/2024
CO	METHANE SITE	Methane Site Investigations - Jefferson County 1980	Jefferson County Health Department	12/31/1980	02/13/1995	04/04/1995
CO	CO ERNS	Spills Database	Department of Public Health and Environmental	12/18/2023	12/21/2023	03/18/2024
CO	METHANE INVESTIGATION	Methane Gas & Swamp Findings	Department of Health	03/15/1979	02/13/1995	04/04/1995
CO	DRYCLEANERS	Drycleaner Facilities	Department of Public Health & Environment	08/23/2023	08/24/2023	11/07/2023
CO	Financial Assurance 1	Financial Assurance Information Listing	Department of Public Health & Environment	12/31/2023	01/04/2024	03/26/2024
CO	Financial Assurance 2	Financial Assurance Information Listing	Department of Public Health & Environment	12/31/2023	01/04/2024	03/26/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CO	LEAD	Lead Abatement Permit Listing	Department of Publich Health & Environment	11/07/2019	11/14/2019	01/21/2020
CO	MINES	Permitted Mines Listing	Division of Reclamation Mining and safety	01/08/2024	01/10/2024	04/02/2024
CO	NPDES	Permitted Facility Listing	Department of Public Health & Environment	12/01/2023	01/23/2024	04/08/2024
CO	SPILLS 2	Spills	Oil & Gas Conservation Commission	12/07/2023	12/13/2023	03/07/2024
CO	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	10/15/2012	01/03/2013	02/06/2013
CO	UIC	Underground Injection Control	Oil & Gas Conservation Commission	02/05/2024	02/06/2024	02/27/2024
CO	UMTRA	Uranium Mill Tailings Sites	Department of Public Health & Environment	11/14/2022	02/14/2023	02/15/2023
CO	PFAS	PFAS Information Listing	Department of Public Health & Environment	01/19/2024	01/19/2024	04/08/2024
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
CO	AQUEOUS FOAM	Class B Firefighting Foam Contaminating PFAS Listing	Department of Public Health & Environment	01/02/2024	01/03/2024	03/26/2024
CO	DENVER CO HISTORIC FILL	Denver City & County Historic Fill Areas	City & County of Denver	12/17/2019	01/07/2020	03/13/2020
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	12/17/2023	12/28/2023	03/04/2024
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protecton Agency	06/08/2023	10/31/2023	01/18/2024
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	12/20/2023	12/20/2023	01/24/2024
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/12/2024	02/13/2024	04/04/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	12/28/2023	12/28/2023	03/04/2024
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	12/31/2023	01/03/2024	01/16/2024
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CO	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Public Health & Environment		07/01/2013	01/15/2014
CO	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Labor and Employment, Oil Inspe		07/01/2013	01/02/2014

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CO	LF ADAMS	Summary Report on Methane Gas Hazards and Surveys Conducted	Tri-County Health Department	05/08/1978	02/16/1995	04/04/1995
CO	LF ARAPAHOE	A Survey of Landfills in Arapahoe County	Tri-County Health Department	12/31/1978	02/16/1995	04/04/1995
CO	LF BOULDER	Old Landfill Sites	Boulder County Health Department	05/01/1986	11/14/1995	12/07/1995
CO	LF DENVER	Landfills in Denver County	City and County of Denver	06/23/2017	06/23/2017	09/06/2017
CO	LF DENVER CO METHANE	Investigation of Methane Gas Hazards	City and County of Denver Department of Envir	01/01/1981	01/29/2013	03/08/2013
CO	LF DOUGLAS	Douglas County Landfill Key	Tri-County Health Department	06/12/1991	02/16/1995	04/04/1995
CO	LF PUEBLO	Designated Disposal & Landfill Sites	Pueblo City-County Health Department	04/30/1990	11/16/1995	12/07/1995
CO	LF TRI	Tri-County Area Solid Waste Facilities List (Adams, Arapahoe	Tri-County Health Department	10/15/1983	02/16/1995	04/04/1995
CO	LF WELD	Solid Waste Facilities in Weld County	Weld County Department of Public Health	01/16/2018	02/09/2018	02/23/2018

STREET AND ADDRESS INFORMATION

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Appendix E
Local Agency Records

Stephanie Chao

From: cdphe_cora_hmwmd - CDPHE, CDPHE <cdphe_cora_hmwmd@state.co.us>
Sent: Tuesday, November 25, 2025 2:23 PM
To: Stephanie Chao
Subject: Re: Records review Request Stephanie Chao schao@dudek.com

Hi, Stephanie,
12500 Cavanaugh Road - Hudson - No records found
Thank you,
Pearl Campos

On Tue, Nov 25, 2025 at 3:15 PM Formsite <noreply@fs20.formsite.com> wrote:

> A new request has been submitted. Please copy the respondent's email from the subject line.
>
> View this result: #22706797
>
> This email was sent as a result of a form being completed.
> Report unwanted email.
>
> formsite by Intellistack

--
You can search records via the OnBase Public Access Viewer. See User Guides for tips on searching here: HMWMD User Guides

Or, use our interactive map

Visit the HMWMD Records page for additional information on HMWMD programs and records procedures.

Search Results

All

Accounts

Releases

Closures

Facilities

Inspections

Installations

Invoices

Payment Requests

Violations

Tanks

Release Budgets

Remediation Reports

Repairs/Replaces

Risk Assessments

Collapse List

No results for "12900 cavanaugh"

We searched the objects you use most and didn't find any matches for "**12900 cavanaugh**".

COLORADO
Division of Water Resources
Department of Natural Resources

WELL PERMIT NUMBER 307465-
RECEIPT NUMBER 3683113

ORIGINAL PERMIT APPLICANT(S)

RYAN SPECHT

APPROVED WELL LOCATION

Water Division: 1 Water District: 1
Designated Basin: N/A
Management District: N/A
County: ADAMS
Parcel Name: N/A
Physical Address: 12500 CAVANAUGH RD BRIGHTON, CO 80602

SW 1/4 NW 1/4 Section 34 Township 1.0 S Range 64.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone:13, NAD83)

Easting: 538978.0 Northing: 4419345.8

PERMIT TO CONSTRUCT A NEW WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL

1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.

2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.

3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a tract of land of 39.06 acre(s) described as that portion of the SW1/4 of the NW 1/4, Sec. 34, Twp. 1 South, Rng 64. West, 6th P.M., Adams County, more particularly described on the attached exhibit A.

4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than three (3) single family dwellings, the watering of poultry, domestic animals and livestock on a farm or ranch and the irrigation of not more than one (1) acre of home gardens and lawns.

5) Production from this well is restricted to the Upper Arapahoe aquifer, which corresponds to the interval between 290 feet and 480 feet below the ground surface. Plain casing shall be installed and grouted to prevent production from other zones.

6) The pumping rate of this well shall not exceed 15 GPM.

7) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.

8) This well shall be constructed not more than 200 feet from the location specified on this permit.

NOTE: To ensure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above.

NOTE: This permit will expire on the expiration date unless the well is constructed by that date. A Well Construction and Yield Estimate Report (GWS-31) must be submitted to the Division of Water Resources to verify the well has been constructed. An extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64) available at: http://www.water.state.co.us

NOTICE: This permit has been approved subject to the following changes: The UTM coordinate values were calculated from the distances from section lines provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

Debbie Gonzales

Issued By DEBRA GONZALES

Date Issued: 11/1/2017
Expiration Date: 11/1/2019

COLORADO
Division of Water Resources
Department of Natural Resources

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RECEIPT NUMBER 3683113

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SW 1/4 NW 1/4 Section 34 Township 1.0 S Range 64.0 W Sixth P.M.

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Debbie Gonzales

Issued By DEBRA GONZALES

Date Issued: 11/1/2017
Expiration Date: 11/1/2019

DIV 1 11

COLORADO DIVISION OF WATER RESOURCES
DEPARTMENT OF NATURAL RESOURCES
1313 SHERMAN ST., Ste 821, DENVER, CO 80203
Main: (303) 866-3581 dwrpermitsonline@state.co.us

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STATE ENGINEER
COLO

Form GWS-44 (7/2012)

RESIDENTIAL Note: Also use this form to apply for livestock watering
Water Well Permit Application

Review form instructions prior to completing form.
Hand completed forms must be completed in black or blue ink or typed.

1. Applicant Information

Name(s)
Ryan Specht

Mailing address
PO Box 265

City: Brighton | State: CO | Zip code: 80602

Telephone (w/area code): 970-302-7426 | E-mail: rspechtff149@gmail.com

2. Type Of Application (check applicable boxes)

- ■ Construct new well
- ☐ Replace existing well
- ☐ Use existing well
- ☐ Change or increase use
- ☐ Change source (aquifer)
- ☐ Reapplication (expired permit)
- ☐ Rooftop precip. collection
- ☐ Other:

3. Refer To (if applicable)

Well permit #: | Water Court case #:
Designated Basin Determination #: | Well name or #:

4. Location Of Proposed Well (Important! See Instructions)

County: Adams | SW 1/4 of the NW 1/4

Section	Township	N or S	Range	E or W	Principal Meridian
34	1	☐ N ☒ S	64	☐ E ☒ W	6th

Distance of well from section lines (section lines are typically not property lines)
1400 Ft. from ☒ N ☐ S 550 Ft. from ☐ E ☒ W

For replacement wells only – distance and direction from old well to new well
feet Direction

Well location address (include City, State, Zip) ☐ Check if well address is same as in Item 1
12500 Cavanaugh Rd. Hudson CO 80602

Optional: GPS well location information in UTM format. GPS unit settings are as follows:
Format must be UTM
☐ Zone 12 or ☐ Zone 13
Units must be Meters
Datum must be NAD83
Unit must be set to true north
Was GPS unit checked for above? ☐ YES
Easting:
Northing:
Remember to set Datum to NAD83

5. Parcel On Which Well Will Be Located
(You must attach a current deed for the subject parcel)

A. You must check and complete one of the following:

- ☐ Subdivision: Name
  Lot Block Filing/Unit
- ☐ County exemption (attach copy of county approval & survey)
  Name/# Lot #
- ☐ Parcel less than 35 acres, not in a subdivision attach a deed with metes & bounds description recorded prior to June 1, 1972, and current deed
- ☐ Mining claim (attach copy of deed or survey) Name/#:
- ☐ Square 40 acre parcel as described in Item 4
- ■ Parcel of 35 or more acres (attach metes & bounds description or survey)
- ☐ Other: (attach metes & bounds description or survey)

B. # of acres in parcel: 39.06
C. Are you the owner of this parcel? ☒ YES ☐ NO
D. Will this be the only well on this parcel? ☒ YES ☐ NO (if no – list other wells)
E. State Parcel ID# (optional)

6. Use Of Well (check applicable boxes)

See instructions to determine use(s) for which you may qualify

- ☐ A. Ordinary household use in one single-family dwelling (no outside use)
- ■ B. Ordinary household use in 1 to 3 single-family dwellings:
  Number of dwellings: 2
  - ■ Home garden/lawn irrigation, not to exceed one acre:
    area irrigated 1 ☐ sq. ft. ☒ acre
  - ■ Domestic animal watering – (non-commercial)
- ■ C. Livestock watering (on farm/ranch/range/pasture)

7. Well Data (proposed)

Maximum pumping rate: 15 gpm | Annual amount to be withdrawn: 3.0 acre-feet
Total depth: +/-500 feet | Aquifer: Upper Arapahoe

8. Water Supplier

Is this parcel within boundaries of a water service area? ☐ YES ☒ NO
If yes, provide name of supplier:

9. Type Of Sewage System

- ■ Septic tank / absorption leach field
- ☐ Central system: District name:
- ☐ Vault: Location sewage to be hauled to:
- ☐ Other (explain)

10. Proposed Well Driller License #(optional):

11. Sign or Enter Name of Applicant(s) or Authorized Agent

The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104 (13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.

Sign or enter name(s) of person(s) submitting application: Ryan Specht | Date (mm/dd/yyyy): 10/14/2017

If signing print name and title: Ryan Specht (Owner)

Office Use Only

USGS map name | DWR map no. | Surface elev. 5250

Receipt area only

PLOTTED
AQUAMAP ✓
WE ✓
WH ✓
CWCB ✓
TOPO ✓
MYLAR ✓
SBS ✓

Transaction #: 3683113
Date: 10/16/2017 12:32:58 PM
Transaction Total: $100.00
CREDIT CARD $100.00

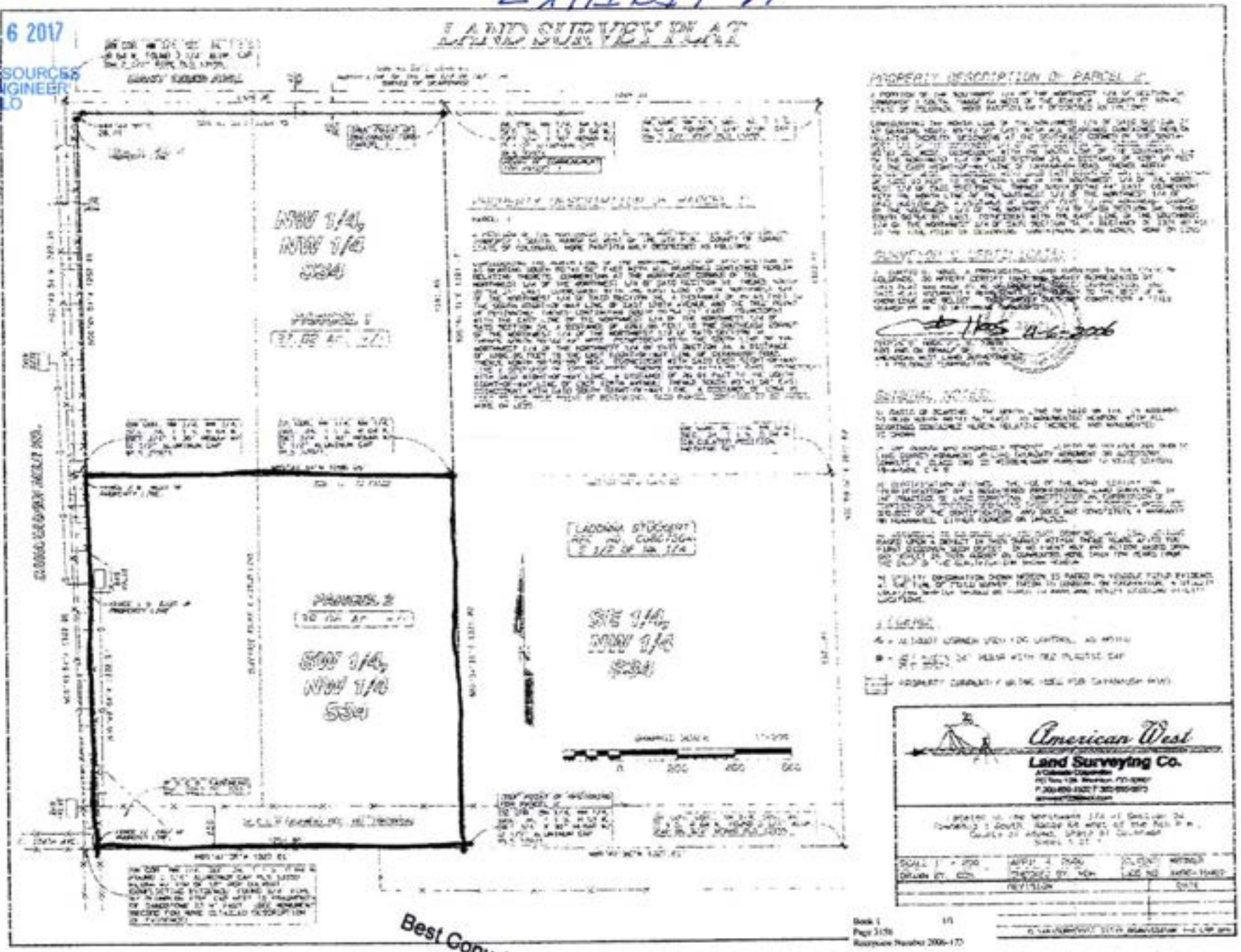
DIV 1 WD 1 BA ____ MD ____

RECEIVED

OCT 16 2017

WATER RESOURCES
STATE ENGINEER
COLO

EXHIBIT A



Best Copy Available

STATE OF COLORADO

DWRPermitsOnline, DNR <dnr_dwrpermitsonline@state.co.us>

New well permit for 12500 Cavanaugh Rd.

2 messages

Ryan Specht <rspechtff149@gmail.com> Sat, Oct 14, 2017 at 3:44 PM
To: dwrpermitsonline@state.co.us

To whom it may concern,

Please see attached application and plat file for a new well at 12500 Cavanaugh Rd. Hudson CO 80602. If I need any additional information or need to clarify anything please feel free to call or email anytime. Also, please let me know how and when I should pay my permit fee.

Thank you for your help.

--
Sincerely,

Ryan Specht
(970) 302-7426

RECEIVED
OCT 16 2017
WATER RESOURCES
STATE ENGINEER
COLO

2 attachments

12500 Cavanaugh Plat.pdf
103K

Specht gws-44 well permit for 12500 Cavanaugh.pdf
161K

DWRPermitsOnline, DNR <dnr_dwrpermitsonline@state.co.us> Mon, Oct 16, 2017 at 8:20 AM
To: Ryan Specht <rspechtff149@gmail.com>

Thank you for your form submission. Your form requires payment of a fee, please contact our Records Section at your earliest convenience between 8:00am - 5:00 pm Monday-Friday at 303.866.3581 (x0) within one business week to provide payment information by Visa, MasterCard or Discover Card. Please be aware that forms will not be processed until after any required payment has been received. We cannot accept credit card information submitted through the website at this time or in an Email message.

Check status of permit applications / updates to well permits at: http://www.dwr.state.co.us/WellPermitSearch/default.aspx

--
DWR Permits Online
Colorado Division of Water Resources
303-866-3581 ***(extension 0)***
http://water.state.co.us/Home/Pages/default.aspx

[Quoted text hidden]

Report Date: 11/1/2017

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Ryan Specht

Reciept No: 3683113

Evaluated By: dg2

Location: SW 1/4 of NW 1/4 of Sec. 34, T.1S, R.64W. (1400 NSL, 550 WSL)

Basin Designation: Location is within the UNKNOWN Designated Ground Water Basin.

Ground Surface Elevation: 5250 Feet **Number of Acres:** 39.06

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)		ANNUAL APRPROP. (A-F)	STATUS
	Bot	*Top*		*Bot*	*Top*		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	4997	5130	68.3	253	120	4.53	NT
Upper Arapahoe	4769	4961	107.4	481	289	7.13	NNT
Lower Arapahoe	4430	4694	96.3	820	556	6.39	NT
Laramie-Fox Hills	3799	4049	151.4	1451	1201	8.87	NT

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

Elevation of the bottom and the depth to the bottom of the Upper Arapahoe aquifer are approximate and should be checked against the DENVER BASIN ATLAS NO. 3.

Go to Account Information | Go to Sales Information | Go to Value Information | Map It!

Adams County
Agricultural Property Profile

Account Summary

Parcel Number: 0156534200004

Account Number: R0168645

Owners Name and Address:

SPECHT RYAN

PO BOX 265
BRIGHTON CO 80601-0265

Property Address:

12500 CAVANAUGH RD
CO

Legal Description

SECT,TWN,RNG:34-1-64 DESC: PORT OF THE SW4 OF THE NW4 OF SEC 34 DESC AS CONSIDERING THE N LN OF THE NW4 OF SD SEC 34 AS BEARING S 89D 41M 50S E BEG AT THE SE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH N 89D 47M 36S W COINCIDENT WITH THE S LN OF THE SW4 OF THE NW4 OF SD SEC 34 A DIST OF 1287/80 FT TO THE E ROW LN OF CAVANAUGH RD TH N 00D 49M 54S W COINCIDENT WITH SD E ROW LN A DIST OF 1322/93 FT TO THE N LN OF THE SW4 OF THE NW4 OF SD SEC 34 TH S 89D 44M 44S E 1286/05 FT TO THE NE COR OF THE SW4 OF THE NW4 OF SD SEC 34 TH S 00D 54M 31S E COINCIDENT WITH THE E LN OF THE SW4 OF THE NW4 OF SD SEC 34 A DIST OF 1321/89 FT TO THE TRUE POB 39/06A

Subdivision Plat

N/A

Account Summary

Account Numbers	Date Added	Tax District	Mill Levy
R0168645	05/09/2006	242	92.446

Permit Cases

N\A

Note: Data is updated daily. Above data was updated as of: 11/01/17

Legal Disclaimer: Although every reasonable effort has been made to ensure the accuracy of the public information data and graphic representations, Adams County cannot be responsible for consequences resulting from any omissions or errors contained herein. Adams County assumes no liability whatsoever associated with the use or misuse of this data

Adams County Assessor
Sales Summary

Parcel Number: 0156534200004 **Account Number:** R0168645

Owners Name and Address:
SPECHT RYAN

PO BOX 265
BRIGHTON CO 80601-0265

Property Address:

12500 CAVANAUGH RD
CO

Sales Summary

Sale Date	Sale Price	Deed Type	Reception Number	Book	Page	Grantor	Grantee	Doc. Fee	Doc. Date
03/30/2006	$0	DTH	06000323360	2006	0330	HOSMER LEONE L		$0	03/30/2006
05/29/2015	$0	QC	15000041420	2015		HOSMER HAROLD W TRUST AND	STUCKERT LADONNA	$0	06/02/2015
06/19/2015	$0	QC	2015000048810			HOSMER HAROLD W TRUST AND	STUCKERT LADONNA	$0	06/23/2015
10/11/2017	$148,000.00	WD	2017000089001			STUCKERT LADONNA	SPECHT RYAN	$14.8	10/11/2017

Click here to go to Clerk / Recorder search page

Note: Data is updated daily. Above data was updated as of: 11/01/17
Legal Disclaimer: Although every reasonable effort has been made to ensure the accuracy of the public information data and graphic representations, Adams County cannot be responsible for consequences resulting from any omissions or errors contained herein. Adams County assumes no liability whatsoever associated with the use or misuse of this data

Adams County Assessor
Valuation Summary

Parcel Number: 0156534200004

Account Number: R0168645

Owners Name and Address:

SPECHT RYAN

PO BOX 265
BRIGHTON CO 80601-0265

Property Address:

12500 CAVANAUGH RD
CO

Land Valuation Summary

Land Type	Unit of Measure	Number of Units	Fire District	School District	Vacant/Improved	Actual Value	Assessed Value
Agricultural	Acres	39.0600	FIRE DISTRICT 6 GREATER BRIGHTON	School District 27-Brighton	V	$6,436.00	$1,870.00
Land Subtotal:						**$6,436.00**	**$1,870.00**

Buildings Valuation Summary

Building Number	Property Type	Actual Value	Assessed Value
Improvements Subtotal:		**0**	**0**

Total Property Value **$6,436.00 $1,870.00**

Note: Data is updated daily. Above data was updated as of: 11/01/17

Legal Disclaimer: Although every reasonable effort has been made to ensure the accuracy of the public information data and graphic representations, Adams County cannot be responsible for consequences resulting from any omissions or errors contained herein. Adams County assumes no liability whatsoever associated with the use or misuse of this data

Form No. GWS-32 10/2016	**PUMP INSTALLATION AND PRODUCTION EQUIPMENT TEST REPORT** State of Colorado, Office of the State Engineer 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 www.water.state.co.us and dwrpermitsonline@state.co.us	For Office Use Only RECEIVED OCT 15 2019 WATER RESOURCES STATE ENGINEER COLO

1. Well Permit Number: 3079105 **Receipt Number:** 3088113

2. Owner's Well Designation:

3. Well Owner Name: Ryan Spacht

4. Well Location Street Address:

5. GPS Well Location: ☐ Zone 12 ☒ Zone 13 Easting: 539778 Northing: 4419345 **County:** Adams

6. Legal Well Location: SW 1/4, NW 1/4, Sec. 34 Twp. 1 ☐ N or S ☒ Range 62 ☐ E or W ☒
Distances from Section Lines: _____ ft. from ☐ N or S ☐ sec. line, and _____ ft. from ☐ E or W ☐ sec. line
Subdivision: _____, Lot _____, Block _____, Filing (Unit) _____

7. Check Installation Type: ☒ Initial Pump Installation ☐ Replacement Pump ☐ Change in Depth Only ☐ Repair

8. Pump Data: Type: Submersible Date Installed(mm/dd/yyyy): 9-6-19
Pump Manufacturer: FPS Pump Model No. 10FA15S4
Design GPM: 10 at RPM 3450 HP 1.5 Volts 230 Full Load Amps 13
Pump Intake Depth: 340 Feet, Drop/Column Pipe Size Inches, 1 Kind of Drop Pipe PVC
Additional Information for Pumps Greater Than 50 GPM: Turbine Driver Type: ☐ Electric ☐ Engine ☐ Other _____
Design Head: _____ feet Number of Stages: _____ Shaft size: _____ inches

9. Other Equipment:
Airline Installed: ☐ Yes ☒ No, Orifice Depth ft. _____ Monitor Tube Installed: ☐ Yes ☒ No, Depth ft. _____
Flow Meter Mfg. _____ Meter Serial No. _____
Meter Readout: ☐ Gallons, ☐ Thousand Gallons, ☐ Acre feet Beginning Reading:

10. Cistern Information: Material: _____ Capacity: _____ gallons Date Installed:

11. Production Equipment Test Data: ☐ check box if data is submitted on Form Number GWS-39 Well Yield Test Report.

Total Well Depth: 400 ft.	Date:	9-6-19				
Static Level: 130 ft.	Time:	3:00				
Date Measured: 9-4-19	Rate (gpm):	12				
	Pumping Level (ft):	165				

12. Disinfection: Type: Chlorine Amt. Used: 2 gallons

13. Notification: Was Advanced Notification Required Prior to Installation? ☐ Yes ☒ No, Date Notification Given:

14. Water Quality analysis available: ☐ Yes ☒ No If yes, please submit with this report.

15. Remarks:

16. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402-2. The filing of a document that contains false statements is a violation of section 37-91-108(1)(e), C.R.S., and is punishable by fines up to $1,000 and/or revocation of the contracting license. If filing online, the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.

Company Name:	Email:	Phone w/area code:	License Number:
Crandall Drilling & Pump Service	crandalldrilling@gmail.com	(303) 622-4820	1229

Mailing Address: PO BOX 357 Strasburg, CO 80136

Sign (or enter name if filing online)	Print Name and Title	Date:
Howard A Crandall	Howard Crandall - Owner	10-10-19

Form No. GWS-31
02/2017

WELL CONSTRUCTION AND YIELD ESTIMATE REPORT

State of Colorado, Office of the State Engineer
1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581
www.water.state.co.us and dwrpermitsonline@state.co.us

For Office Use Only
RECEIVED
OCT 15 2019
WATER RESOURCES
STATE ENGINEER
COLO

1. Well Permit Number: 3079105 Receipt Number: 3483113
2. Owner's Well Designation:
3. Well Owner Name: Ryan Sprent
4. Well Location Street Address:
5. As Built GPS Well Location (required): ☐ Zone 12 ☒ Zone 13 Easting: 530998 Northing: 4419350
6. Legal Well Location: SW 1/4, NW 1/4, Sec., 34 Twp. 1 ☐ N or S ☒ Range 69 ☐ E or W ☒ 6th P.M.
County: Adams
Subdivision: _____, Lot ____, Block ____, Filing (Unit) ____
7. Ground Surface Elevation: _____ feet Date Completed: 9-4-19 Drilling Method: Rotary Air
8. Completed Aquifer Name: Upper Dawson Total Depth: 400 feet Depth Completed: 400 feet
9. Advance Notification: Was Notification Required Prior to Construction? ☐ Yes ☒ No, Date Notification Given: _____
10. Aquifer Type: (Check one) ☒ Type I (One Confining Layer) ☐ Type II (Not overlain by Type III) ☐ Type I (Multiple Confining Layers) ☐ Type II (Overlain by Type III) ☐ Laramie-Fox Hills ☐ Type III (alluvial/colluvial)

11. Geologic Log:

Depth	Type	Grain Size	Color	Water Loc.
0-8	Clay			
8-110	Shale			
110-150	Sand			
150-200	Shale			
200-285	Sand			
285-385	Sand-Shale			
385-400	Shale			

12. Hole Diameter (in.)

	From (ft)	To (ft)
11	0	40
6 3/4	40	400

13. Plain Casing

OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
7"	Steel	.188	+1	40
4 1/2	P.V.C	Sch 40	20	300

Perforated Casing Screen Slot Size (in): .050

OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
4 1/2	P.V.C	Sch 40	300	400

14. Filter Pack:
Material: Silica Sand
Size: 10-12
Interval: 300-400

15. Packer Placement:
Type: _____
Depth: _____

16. Grouting Record

Material	Amount	Density	Interval	Method
Cement	13 Sack	78 gal	0-40	tremie pipe
Cement	20 Sack	120 gal	200-300	t-Pipe

Remarks:

17. Disinfection: Type Chlorine Amt. Used 2 gallons
18. Well Yield Estimate Data: ☐ Check box if Test Data is submitted on Form Number GWS-39, Well Yield Test Report
Well Yield Estimate Method: _____
Static Level: 130
Date/Time measured: 9-4-19
Estimated Yield (gpm): 70
Estimate Length (hrs): 2
Remarks:

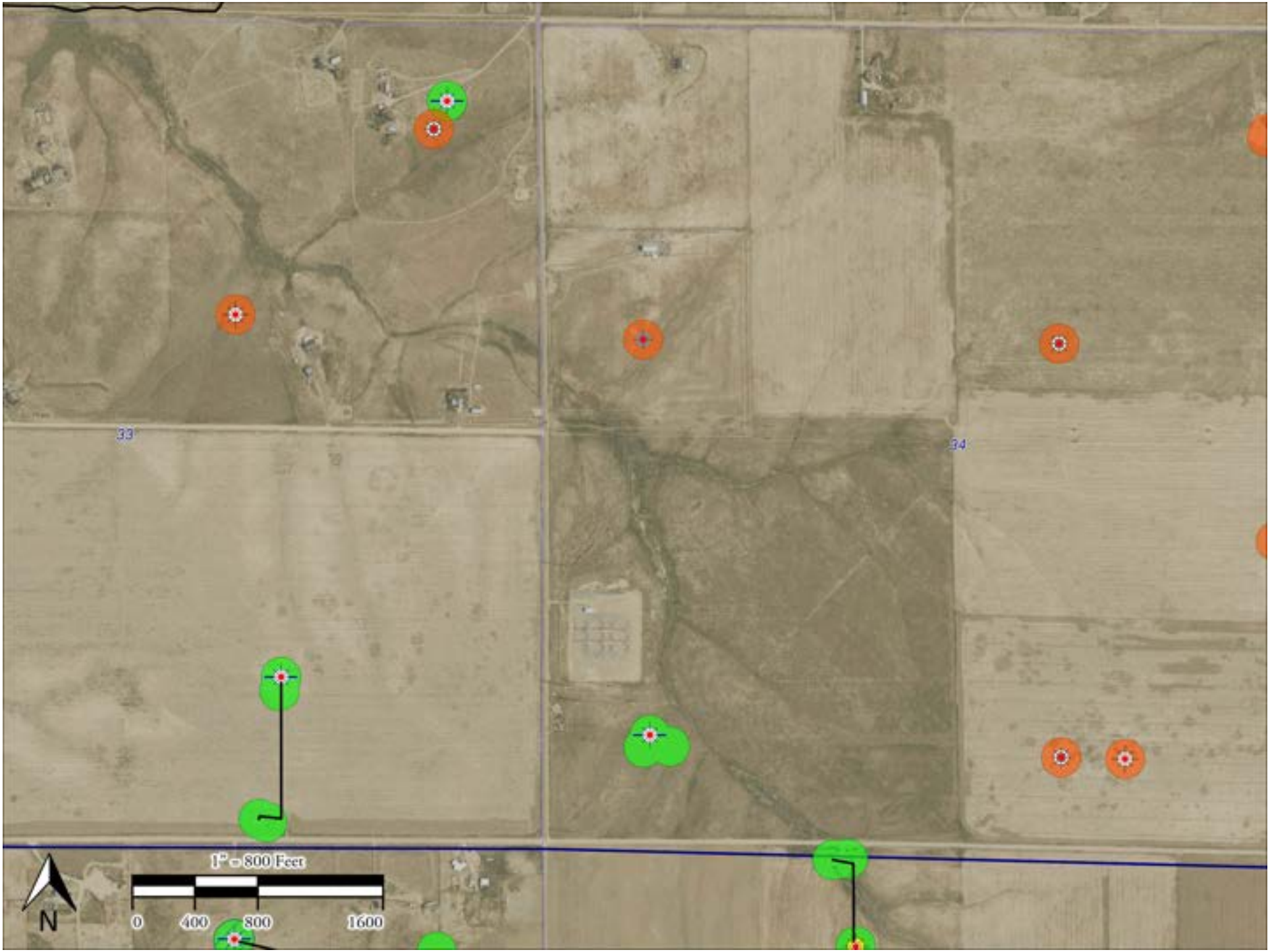
19. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402 2. The filing of a document that contains false statements is a violation of section 37 91 108(1)(e), C.R.S., and is punishable by fines up to $1,000 and/or revocation of the contracting license. If filing online the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.

Company Name:	Email:	Phone w/area code:	License Number:
Crandall Drilling & Pump Service	crandalldrilling@gmail.com	(303) 622-4820	1229

Mailing Address: PO BOX 357 Strasburg, CO 80136

Sign (or enter name if filing online)	Print Name and Title	Date:
Howard H Crandall	Howard Crandall - Owner	10-10-19

Prairie Pass



COGIS - WELL SCOUT CARD

Related Insp MIT GIS Doc COA Wellbore Orders Bradenhead

This operator is no longer active in the State of Colorado.

Surface Location
API# 05-001-07398

Well Classification: OW **Status: PA - 10/17/2000**

Well Name/No:	HOSMER #4 (Click Well Name for Production Data)	Click Here for Transporter Gatherer Info	
Operator:	NORTH AMERICAN RESOURCES COMPANY - 63800 (Click Operator Name for Company Detail Report)	Federal Or State Lease #:	
Facility Status:	PA	Status Date	10/17/2000
FacilityID:	**201994**	LocationID:	376175
County:	ADAMS #001	Location:	SWNW 34 1S64W 6
Field:	JAMBOREE - #40590	Elevation:	5261 ft.
Basin:	DENVER (DJ) BASIN		
Planned Location:	1980FNL 660 FWL	Lat/Long: 39.921731 / -104.543531	Lat/Long Source: Calculated From Footages

Expand Section

Wellbore And Formation Details -- select either a wellbore Or formation to expand.

Wellbore #00 **Wellbore Classification: OW** **Status: PA - 10/17/2000** **Measured TD: 7990 ft.** **Vertical TD: 7990 ft.**

Formation JSND **Formation Classification: GW** **Status: AB - 10/17/2000** **Interval Top: 7862 ft.** **Interval Bottom: 7910 ft.**

Formation DJSND **Formation Classification: GW** **Status: CM - 10/17/2000** **Interval Top: 7795 ft.** **Interval Bottom: 7910 ft.**

Formation DSND **Formation Classification: GW** **Status: AB - 10/17/2000** **Interval Top: 7795 ft.** **Interval Bottom: 7805 ft.**

Primary Well Designation: None

All Designations		Date
Reported Plugged	Y	10/17/2000
Out Of Service Repurposed	N	
Out Of Service	N	
Inactive Exception	N	
Noticed Inactive	N	
Defined Inactive	N	
Low Producing	N	

BOE/MCFE/GOR Calculations Production for Previous 12 Months

August 2024 - July 2025	
Total Oil Produced (Barrels)	0
Total Gas Produced (MCF)	0
GOR	
GOR Determination	
Average BOE per Day	0.000
Average MCFE per Day	0.000

Federal Financial Assurance		
Tribal Well		No

COGIS - Inspection / Incident Inquiry

You requested: Inspection Information

Facility Type	Facility ID/ API	Facility Name/ Number	Operator Name/ Number	Status	Field Name/ Number	Location	Location ID	Related Facilities
LOCATION	-9999999	Out of State	ENERGY & CARBON MANAGEMENT COMMISSION 5	UN 2/12/2024			-9999999	

Inspection Search Results - No Records Found						
Inspection Date	**Doc #**	**Location ID**	**Overall I.R. Pass/Fail**	**Overall F.R. Pass/Fail**	**C.A. Count**	**C.A. Response**

Former Inspection Version (Replaced ~ February 2010) Search Results - 1 record(s) returned.							
Inspection Date	**Doc #**	**Insp. Type**	**Insp. Status**	**Satisfactory/ Action Required**	**PA P/F/I**	**Pass/Fail P/F**	**Violation Y/N**
8/6/2002	200029408	SR	PA	Satisfactory	P	P	N

COGIS - NOAV Report

Facility Type	Facility ID/ API	Facility Name/ Number	Operator Name/ Number	Status	Field Name/ Number	Location	Location ID	Related Facilities
WELL	05-001-07398	HOSMER 4	NORTH AMERICAN RESOURCES COMPANY 63800	PA 10/17/2000	JAMBOREE 40590	ADAMS 001 SWNW 34 1S64W 6	376175	Related

Operator Information

Related | Docs by API | Docs under NOAV

DocNum:	895763	**Date Rec'd:**	4/14/2000
Operator:	NORTH AMERICAN RESOURCES CO	**Oper. No.**	63800
Address:	16 E GRANITE BUTTE MT 59701		
Company Rep.			
Well Name/No.	HOSMER 4		
Location	SWNW 34 1S64W 6		
Fac.ID:	201994	**Fac.Type:**	WELL
API number:	05-001-07398	**County**	ADAMS
CECMC Rep:	Larry Robbins	**Phone:**	303(894-2100)

Alleged Violation(s):

Date Of Alleged Violation: 1/1/2000 **Approx. time Of violation:**

WELL HAS BEEN SHUT-IN AND NOT PRODUCED SINCE DECEMBER 1997

Act, Order, Regulation, Permit Conditions Cited:

RULES 319.b.(3) AND 326.b.

Abatement or Corrective Action Required to be Performed by Operator

PUT ON PRODUCTION, PASS A MECHANICAL INTEGRITY TEST OR PLUG AND ABANDON WITHIN SIX (6) MONTHS

Abatement or Corrective Action Required to be Completed By: 10/11/2000

This section To be completed by Operator when alleged violation Is corrected

N/A

Company Rep: **Title:**

Signature? **Date:** 11/1/2000

CECMC Signature? Y **Date:** 12/30/1899

Resolution approved by: LARRY ROBBINS **Title:**

Final Resolution

Date	Case Closed?	Letter Sent?	CECMC Person
11/1/2000	Y		Larry Robbins

WELL HAS BEEN PLUGGED AND ABANDONED

Record BDP18-5244:
Building Permit - Plan Review Required
Record Status: Cancelled

Record Info Payments

Work Location

12500 CAVANAUGH *

Record Details

Applicant:

Amy Ingram
3827 STEELE ST
Denver, CO, 80205
Primary Phone:303-296-3823
permits@fpwhs.com

Licensed Professional:

ASAHEL HERNANDEZ
FIREPLACE WAREHOUSE, LLC
3827 STEEL ST.
DENVER, CO, 80205
Home Phone:3032963823
Mobile Phone:3037170553
CONTRACTOR D-4708

Project Description:

Set and vent stove
RES - WOOD STOVE Stove will sit on an 18-20" platform per code requirements, and vent vertical through the ceiling. From the stove collar to ceiling is 11". Vent will go straight up at homeowners request.

Owner:

SPECHT RYAN *
PO BOX 265
BRIGHTON CO 806010265